

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL		5. MINERAL LEASE NO: UTU-02270-A	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT	
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY, L.P.		9. WELL NAME and NUMBER: NBU 1021-18B	
3. ADDRESS OF OPERATOR: 1368 S 1200 E CITY VERNAL STATE UT ZIP 84078		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 544' FNL 2094' FEL AT PROPOSED PRODUCING ZONE: 620256 X 39.953676 442335 Y -109.592198		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 18 10S 21E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 12.8 MILES SOUTHEAST OF OURAY, UTAH		12. COUNTY: UINTAH	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 544'	16. NUMBER OF ACRES IN LEASE: 2167.03	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) REFER TO TOPO C	19. PROPOSED DEPTH: 9,700	20. BOND DESCRIPTION: RLB0005238	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5114.7' GL	22. APPROXIMATE DATE WORK WILL START:	23. ESTIMATED DURATION: TO BE DETERMINED	

24. PROPOSED CASING AND CEMENTING PROGRAM							
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
14"				40			
12 1/4"	9 5/8"	32.3#	H-40, STC	2,100	PREM CMT	265 SX	1.18 15.6
7 7/8"	4 1/2"	11.6#	I-80, LTC	9,700	PREM LITE II	460 SX	3.38 11
					50/50 POZ G	1530 SX	1.31 14.3

25. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) DEBRA DOMENICI TITLE ASSOC. ENVIRONMENTAL ANALYST

SIGNATURE Debra Domenici DATE 11/21/2005

(This space for State use only)

API NUMBER ASSIGNED: 43-047-37432

(11/2001)

Federal Approval of this
Action is Necessary

Approved by the
Utah Division of
Oil, Gas and Mining

APPROVAL:
Date: 11-21-05
By: [Signature]

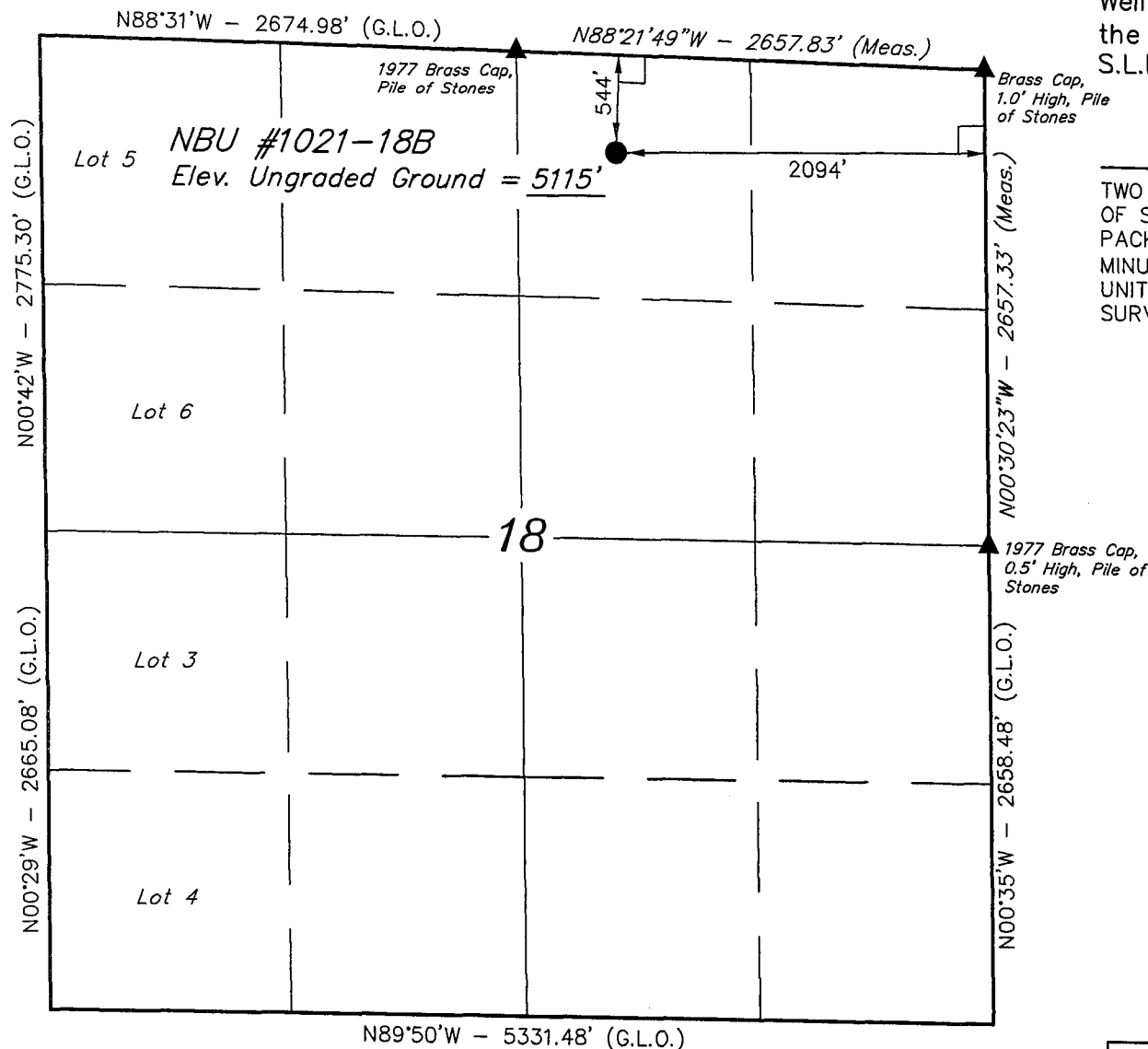
(See Instructions on Reverse Side)

RECEIVED
NOV 30 2005
DIV. OF OIL, GAS & MINING

T10S, R21E, S.L.B.&M.

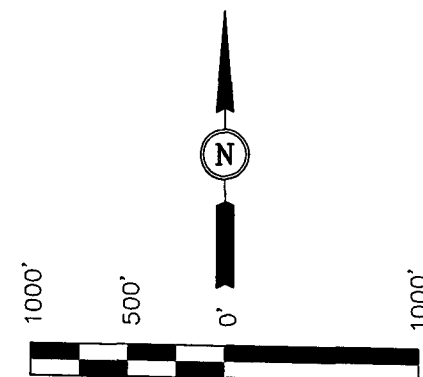
WESTPORT OIL AND GAS COMPANY, L.P.

Well location, NBU #1021-18B, located as shown in the NW 1/4 NE 1/4 of Section 18, T10S, R21E, S.L.B.&M. Uintah County, Utah.



BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



SCALE CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert H. Hays
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(NAD 83)
LATITUDE = 39°57'13.20" (39.953667)
LONGITUDE = 109°35'34.42" (109.592894)
(NAD 27)
LATITUDE = 39°57'13.33" (39.953703)
LONGITUDE = 109°35'31.94" (109.592206)

LEGEND:

- └─ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-17-05	DATE DRAWN: 10-27-05
PARTY D.K. B.B. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE	WESTPORT OIL AND GAS COMPANY, L.P.

NBU 1021-18B
NWNE SEC 18-T10S-R21E
UINTAH COUNTY, UTAH
UTU-02270-A

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1500'
Wasatch	4725'
Mesaverde	7500'
TD	9700'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1500'
Gas	Wasatch	4725'
Gas	Mesaverde	7500'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment** (Schematic Attached)

Please refer to the attached Drilling Program.

4. **Proposed Casing & Cementing Program:**

Please refer to the attached Drilling Program.

5. **Drilling Fluids Program:**

Please refer to the attached Drilling Program.

6. **Evaluation Program:**

Please refer to the attached Drilling Program.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 9700' TD, approximately equals 6014 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3880 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

Please refer to the attached Drilling Program.

10. **Other Information:**

Please refer to the attached Drilling Program.


Westport Oil and Gas Company, L.P.
DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
SURFACE	9-5/8"	0 to 2100	32.30	H-40	STC	2270 0.59*****	1370 1.39	254000 4.28
PRODUCTION	4-1/2"	0 to 9700	11.60	I-80	LTC	7780 2.04	6350 1.07	201000 2.05

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)
- (Burst Assumptions: TD = 11.8 ppg) .22 psi/ft = gradient for partially evac wellbore
- (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)
- MASP 3818 psi

***** Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
Option 1	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE		NOTE: If well will circulate water to surface, option 2 will be utilized					
Option 2	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite +.25 pps Flocele + 3% salt BWOC	170	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	4,220'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	460	60%	11.00	3.38
	TAIL	5,480'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	1530	60%	14.30	1.31

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

*Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER:

Brad Laney

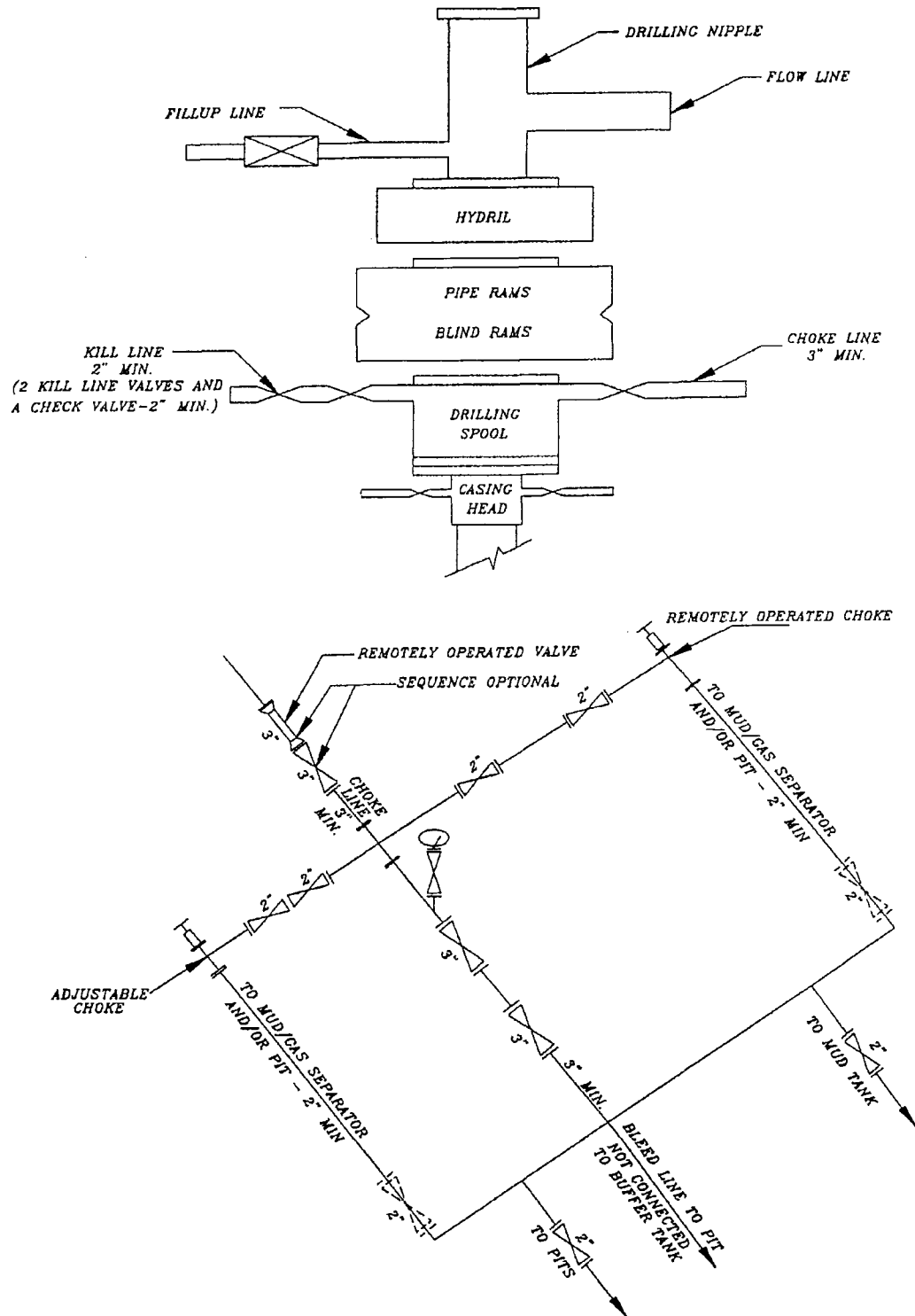
DATE:

DRILLING SUPERINTENDENT:

Randy Bayne

DATE:

5M BOP STACK and CHOKE MANIFOLD SYSTEM



NBU 1021-18B
NWNE SEC 18-T10S-R21E
Uintah County, UT
UTU-02270-A

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

Approximately 340' of new access road is proposed. Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. Location of Existing Wells Within a 1-Mile Radius

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain

fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Carlsbad Canyon, standard color number 2.5Y 6/2.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Approximately 994' of pipeline is proposed. Refer to Topo D for the proposed pipeline.

5. Location and Type of Water Supply:

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner and felt will be used, it will be a minimum of 20 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E.

8. Ancillary Facilities

None are anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

The reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to the drilling of the well due to current rig availability. If the proposed location is not large enough to accommodate the drilling rig the location will be re-surveyed and a Form 9 shall be submitted.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

A plastic, nylon reinforced liner will be used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. Surface Ownership:

SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102

12. Other Information:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey has been completed and is attached.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it Within 460' of any non-committed tract lying within the boundaries of the Unit.

13. Lessee's or Operators's Representative & Certification:

Debra Domenici
Associate Environmental Analyst
Westport O&G Co.
1368 South 1200 East.
Vernal, UT 84078
(435) 781-7060

Randy Bayne
Drilling Manager
Westport O&G Co.
1368 South 1200 East
Vernal, UT 84078
(435)781-7018

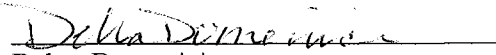
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Westport O&G Co. is considered to be the operator of the subject well. Westport O&G Co. agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by State Surety Bond #RLB0005236.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


Debra Domenici

11/21/2005
Date

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1021-18B

SECTION 18, T10S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 2.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 340' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 43.8 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1021-18B

LOCATED IN UINTAH COUNTY, UTAH
SECTION 18, T10S, R21E, S.L.B.&M.

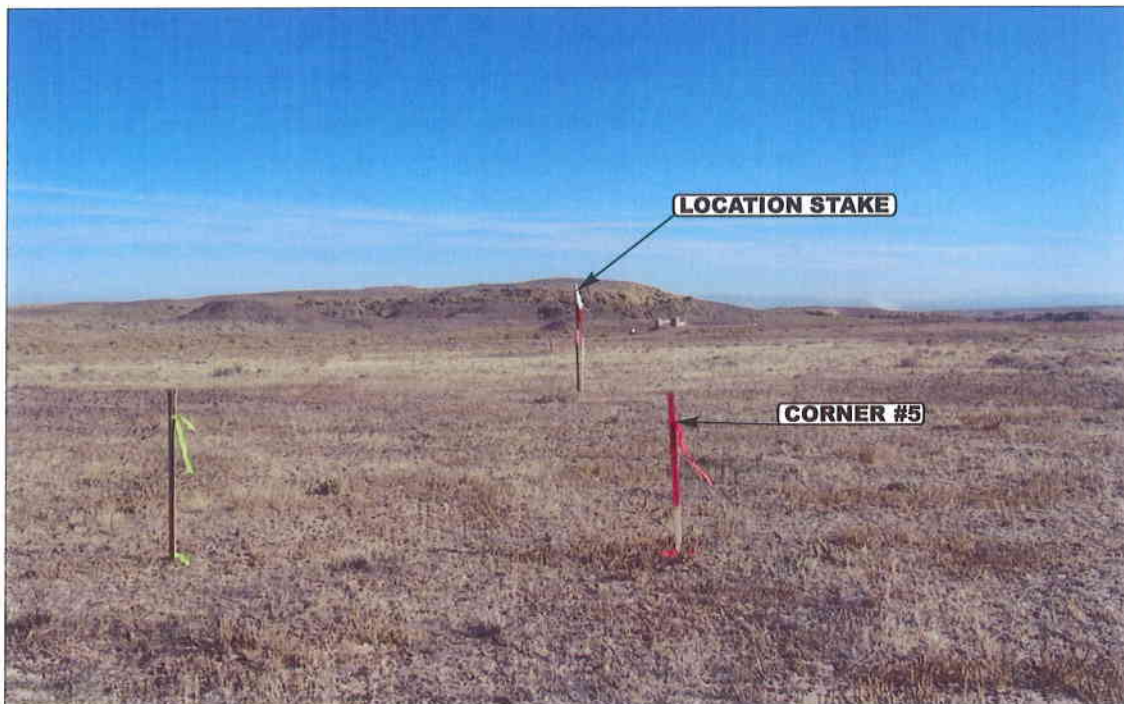


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

U **E** **L** **S** **U** **E** **L** **S**
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

10 21 05
MONTH DAY YEAR

PHOTO

TAKEN BY: B.B.

DRAWN BY: C.P.

REVISED: 00-00-00

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1021-18B

PIPELINE ALIGNMENT

LOCATED IN UINTAH COUNTY, UTAH

SECTION 18, T10S, R21E, S.L.B.&M.



PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: WESTERLY

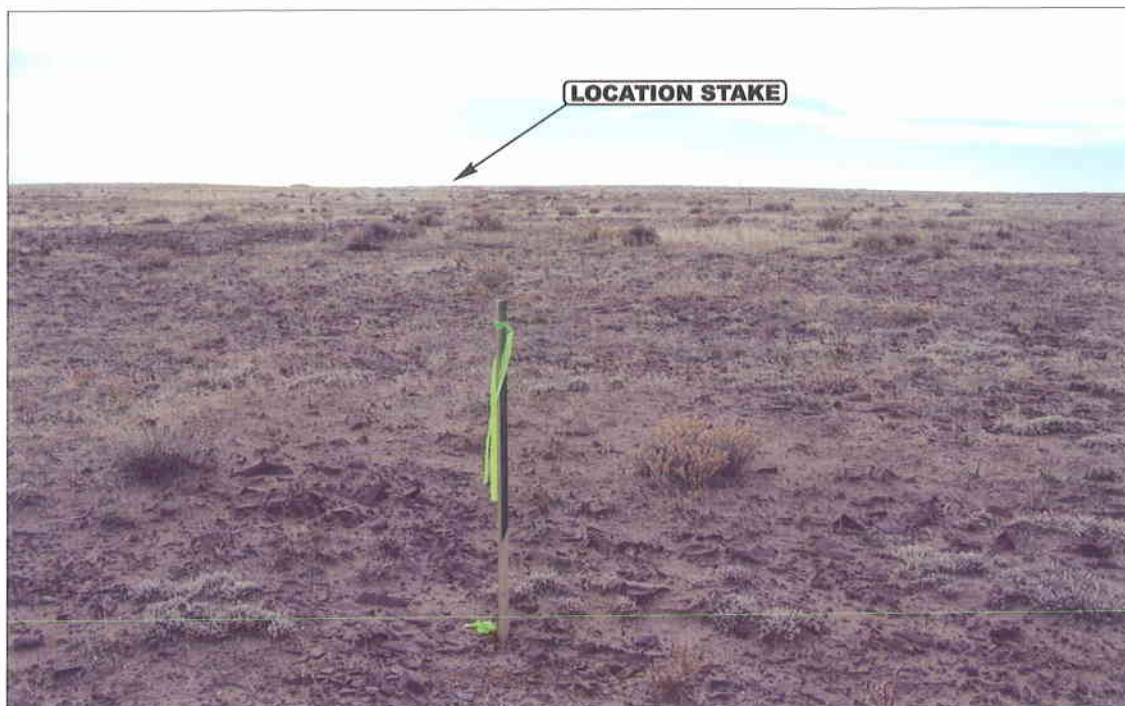


PHOTO: VIEW OF PIPELINE AT LOCATION

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

PIPELINE PHOTOS

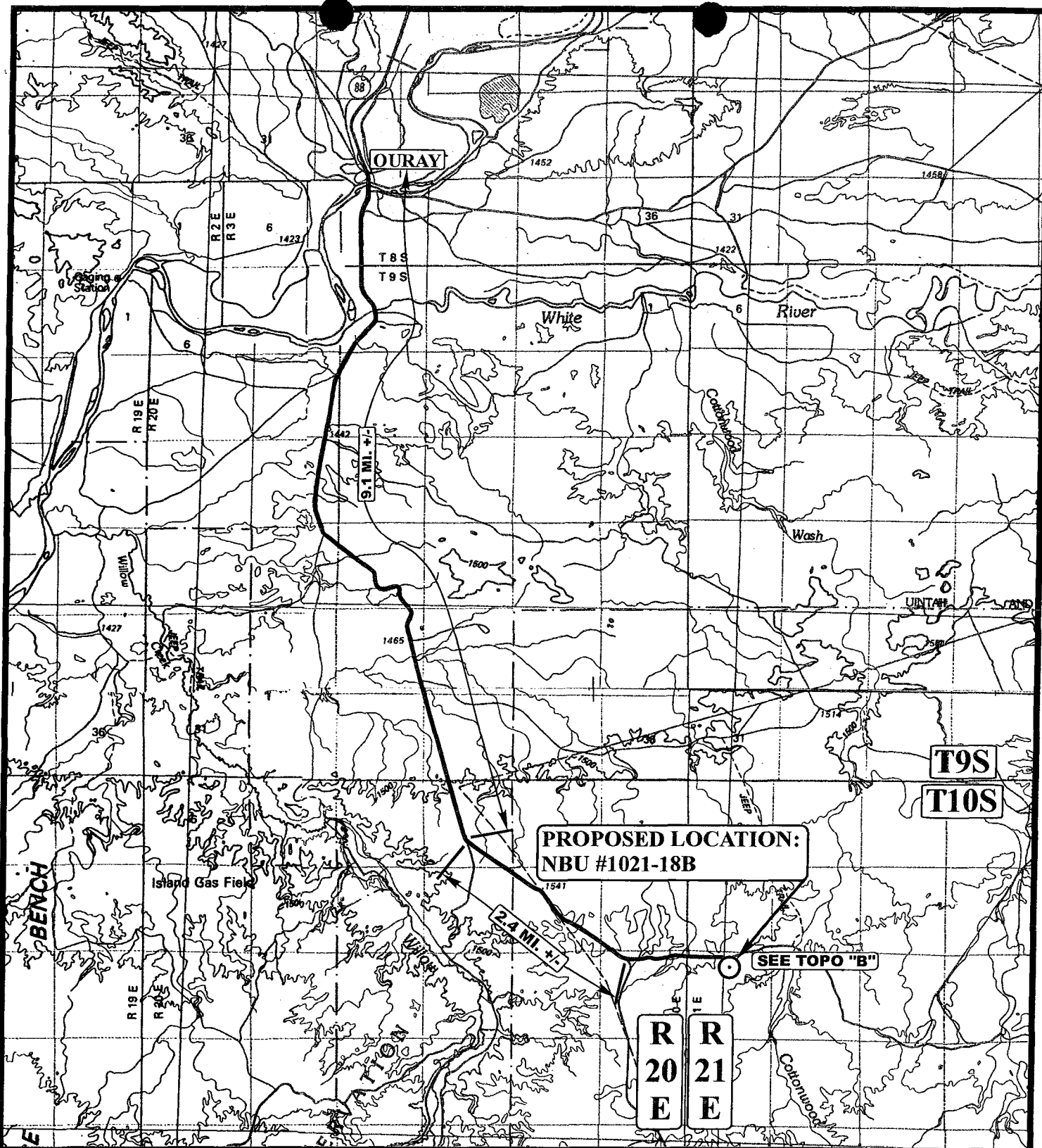
10 21 05
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: C.P.

REVISED: 00-00-00



LEGEND:

○ PROPOSED LOCATION

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1021-18B

SECTION 18, T10S, R21E, S.L.B.&M.

544' FNL 2094' FEL



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

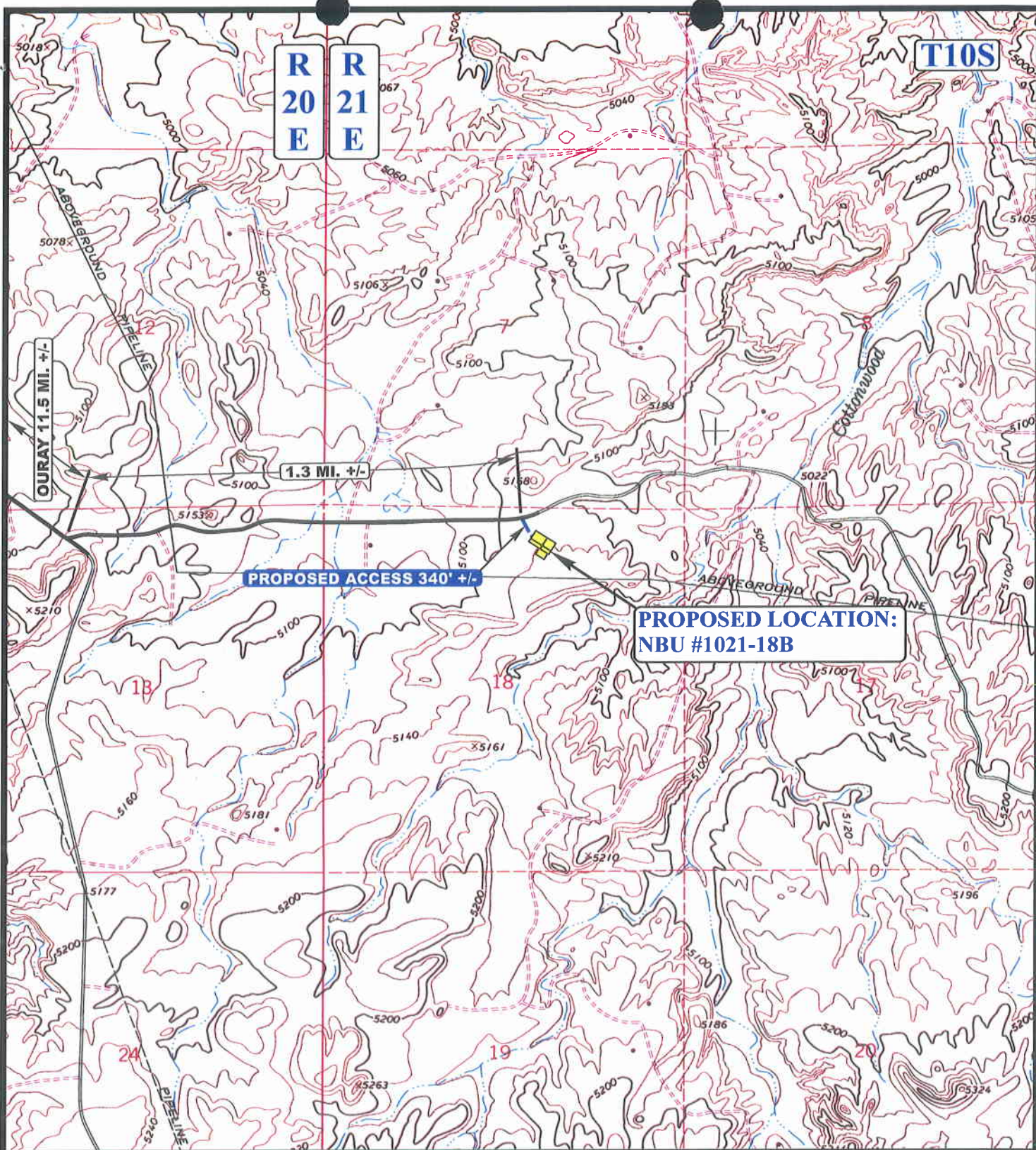


TOPOGRAPHIC
MAP

10	21	05
MONTH	DAY	YEAR

SCALE: 1:100,000 **DRAWN BY: C.P.** **REVISED: 00-00-00**





LEGEND:

— EXISTING ROAD
 - - - - - PROPOSED ACCESS ROAD



WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1021-18B

SECTION 18, T10S, R21E, S.L.B.&M.

544' FNL 2094' FEL



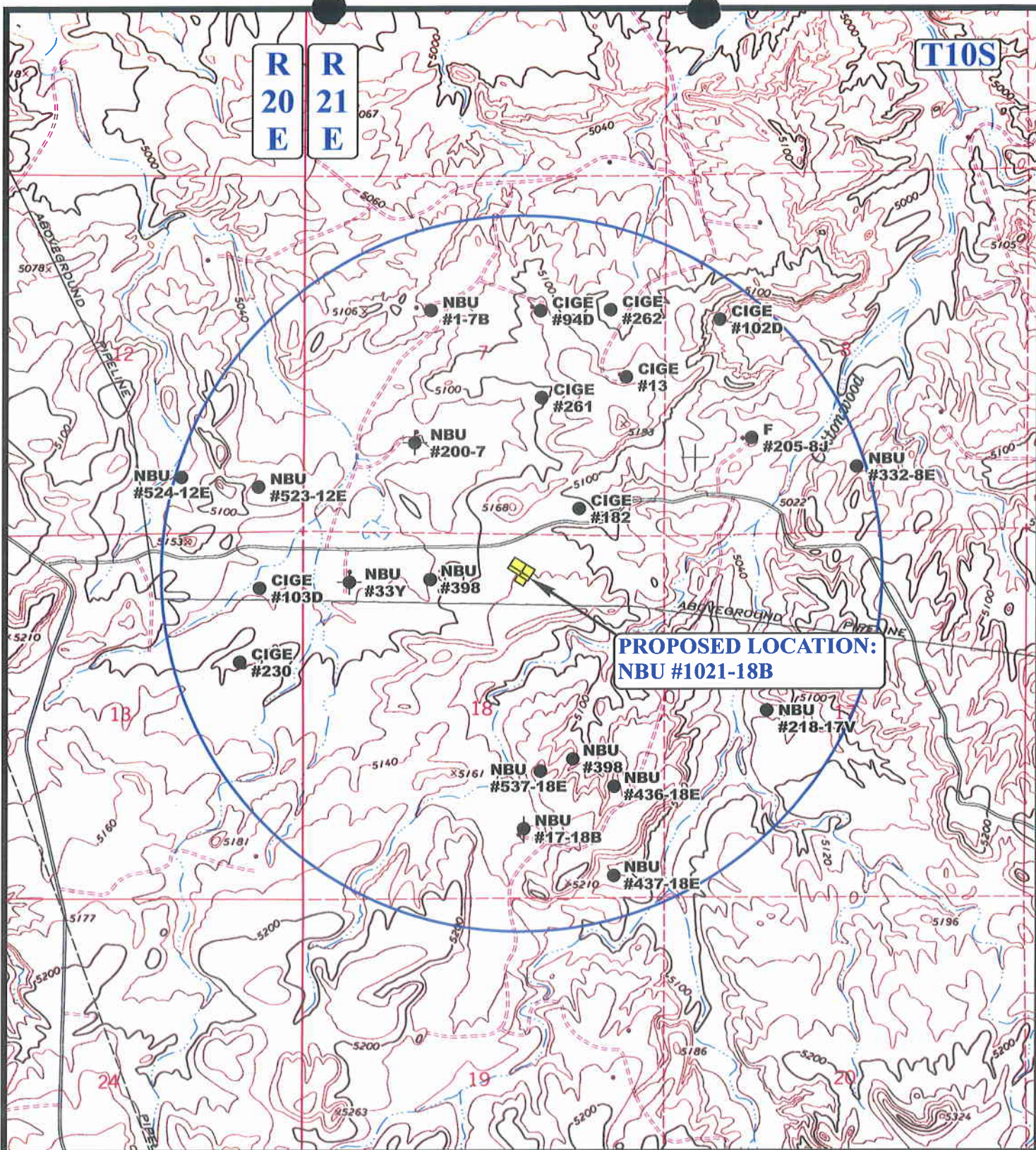
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
 MAP**

10 21 05
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





LEGEND:

- | | |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS | ⊗ WATER WELLS |
| ● PRODUCING WELLS | ⊗ ABANDONED WELLS |
| ⊗ SHUT IN WELLS | ⊗ TEMPORARILY ABANDONED |



WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1021-18B
SECTION 18, T10S, R21E, S.L.B.&M.
544' FNL 2094' FEL



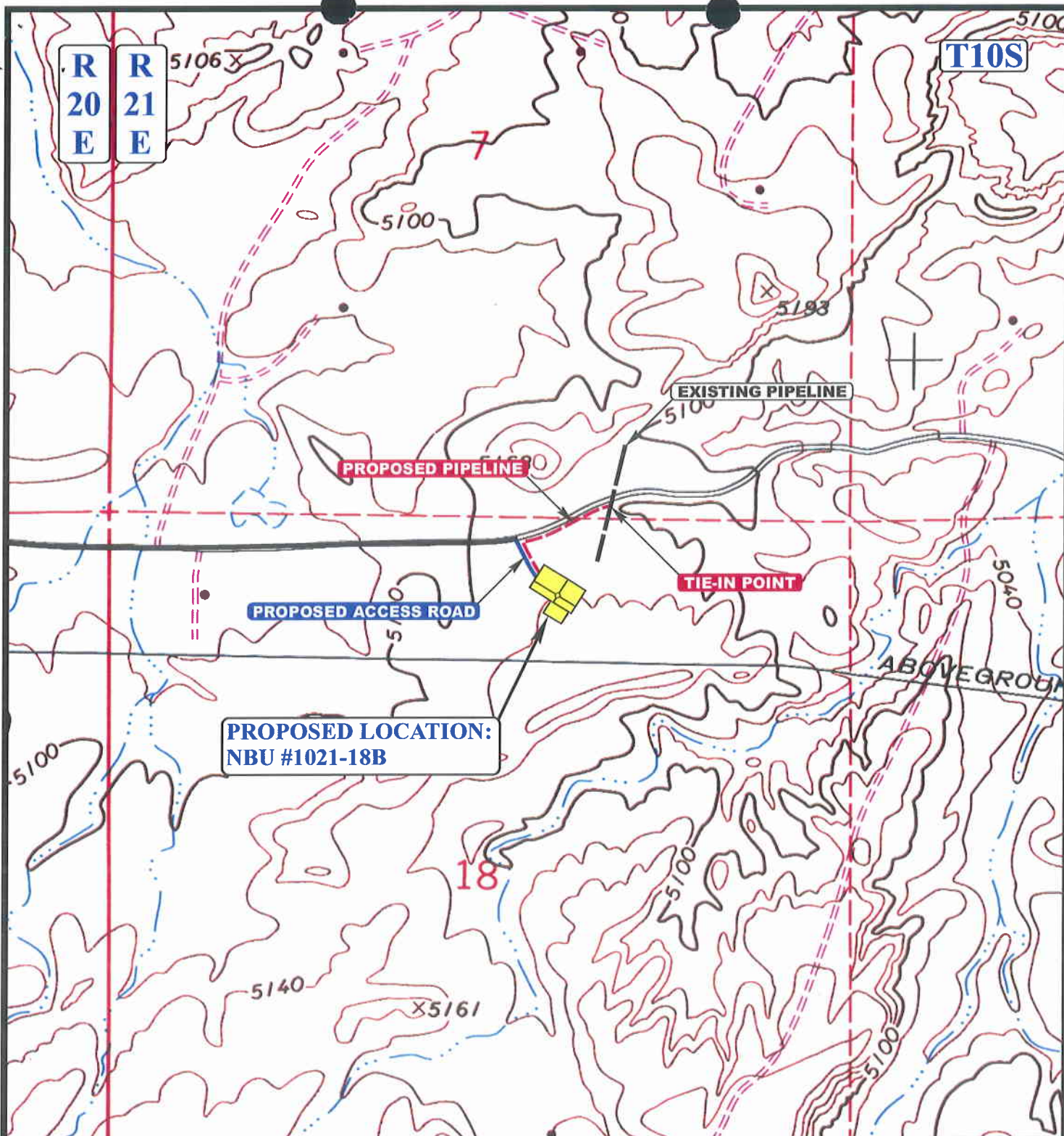
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

10 21 05
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 994' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - - - PROPOSED PIPELINE



WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1021-18B

SECTION 18, T10S, R21E, S.L.B.&M.

544' FNL 2094' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

10 21 05
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 00-00-00



WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #1

LOCATION LAYOUT FOR

NBU #1021-18B
SECTION 18, T10S, R21E, S.L.B.&M.
544' FNL 2094' FEL

F-2.5'
El. 110.9'

Topsoil Stockpile

Proposed Access Road

F-5.6'
El. 107.8'

Sta. 3+50

F-2.3'
El. 111.1'

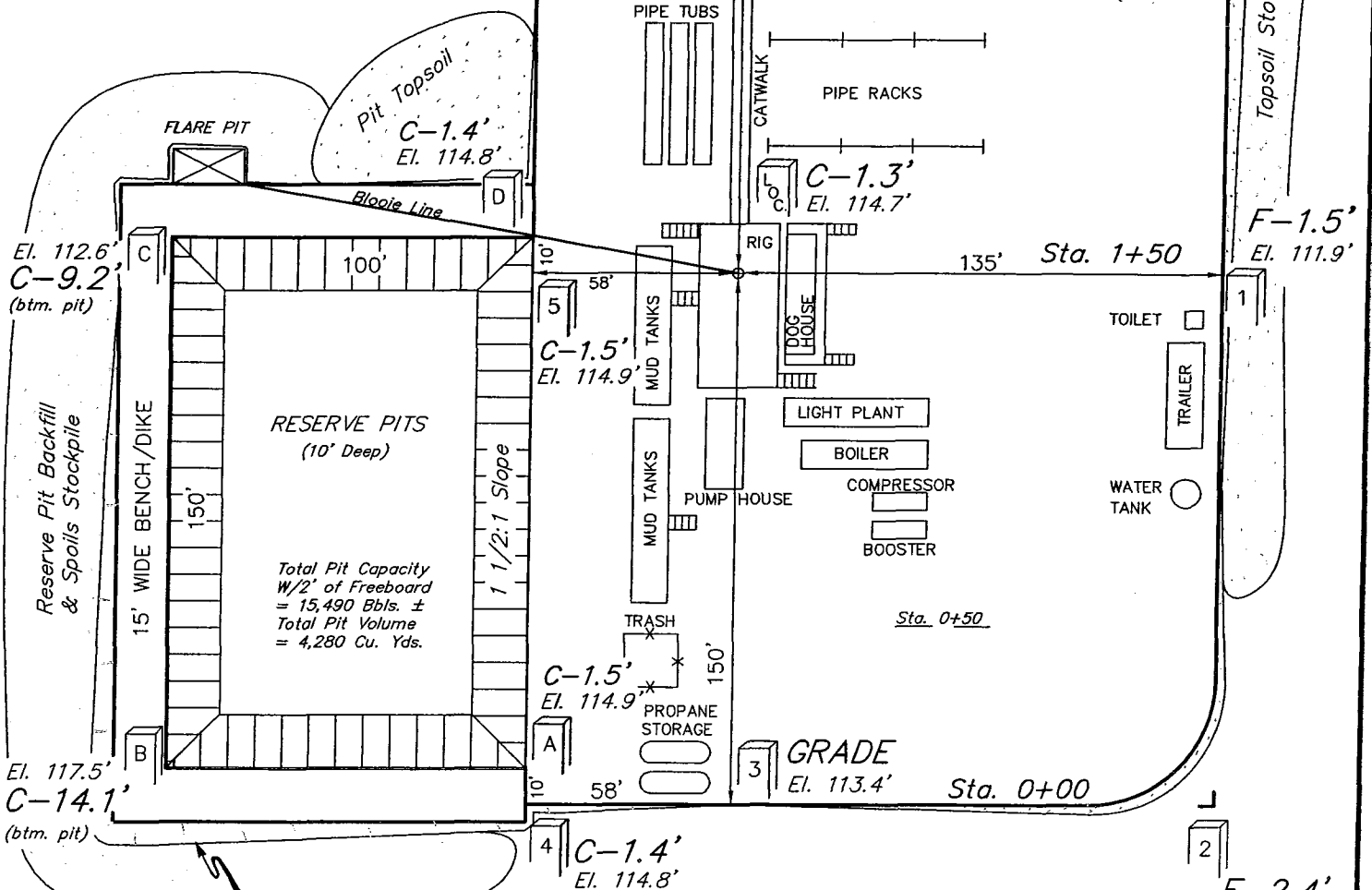
Round Corners
as Needed

SCALE: 1" = 50'
DATE: 10-27-05
Drawn By: K.G.

Approx.
Toe of
Fill Slope

NOTE:

Flare Pit is to be located
a min. of 100' from the
Well Head.



NOTES:

Approx.
Top of
Cut Slope

Elev. Ungraded Ground At Loc. Stake = 5114.7'
FINISHED GRADE ELEV. AT LOC. STAKE = 5113.4'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #2

TYPICAL CROSS SECTIONS FOR

NBU #1021-18B

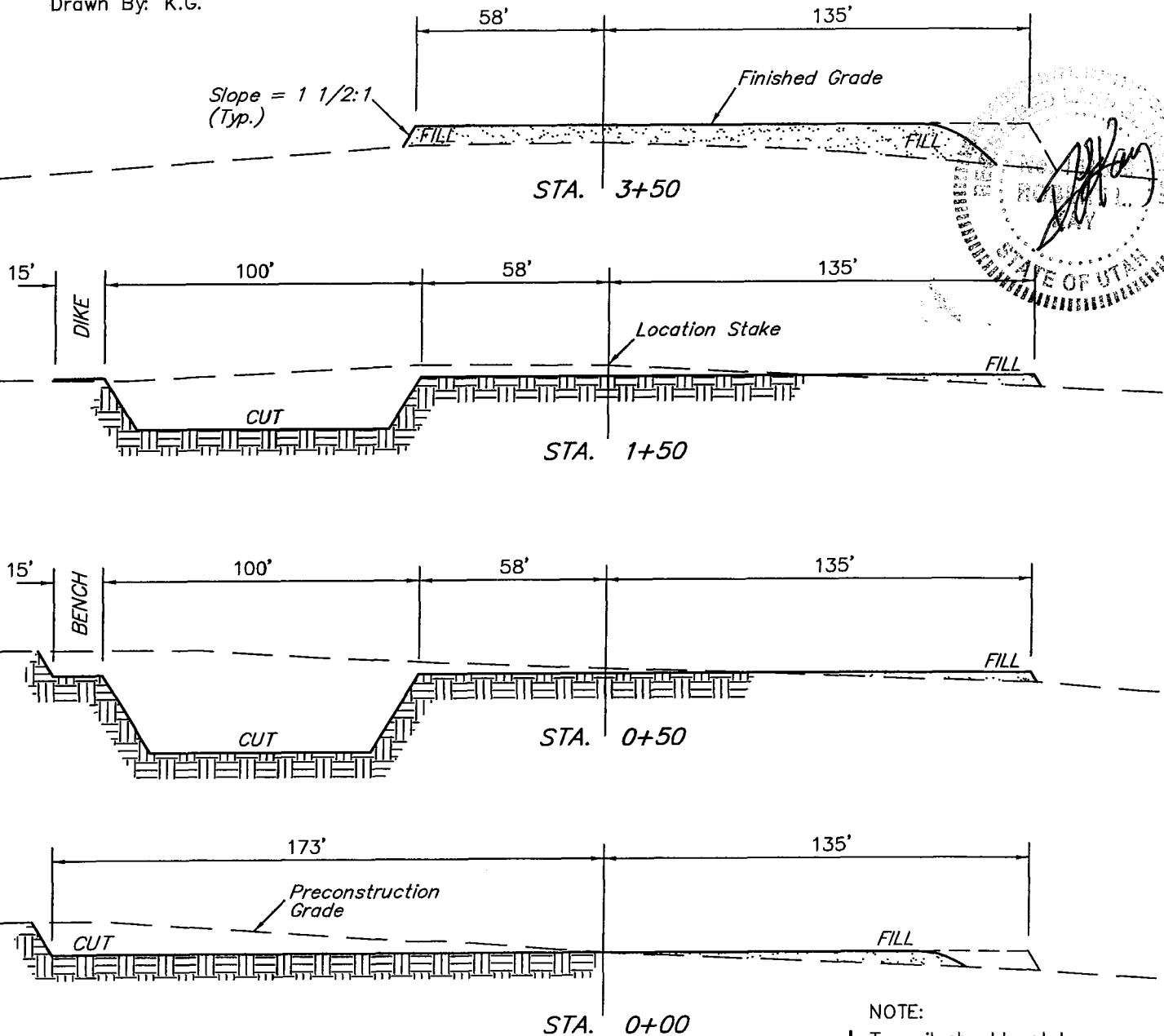
SECTION 18, T10S, R21E, S.L.B.&M.

544' FNL 2094' FEL

1" = 20'
X-Section
Scale
1" = 50'

DATE: 10-27-05

Drawn By: K.G.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 1,750 Cu. Yds.
Remaining Location = 5,760 Cu. Yds.

TOTAL CUT = 7,510 CU.YDS.

FILL = 3,620 CU.YDS.

EXCESS MATERIAL = 3,890 Cu. Yds.

Topsoil & Pit Backfill = 3,890 Cu. Yds.
(1/2 Pit Vol.)

EXCESS UNBALANCE = 0 Cu. Yds.
(After Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/30/2005

API NO. ASSIGNED: 43-047-37432

WELL NAME: NBU 1021-18B

OPERATOR: WESTPORT OIL & GAS CO (N2115)

CONTACT: DEBRA DOMENICI

PHONE NUMBER: 435-781-7060

PROPOSED LOCATION:

NWNE 18 100S 210E

SURFACE: 0544 FNL 2094 FEL

BOTTOM: 0544 FNL 2094 FEL

UINTAH

NATURAL BUTTES (630)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-02270-A

SURFACE OWNER: 3 - State

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

LATITUDE: 39.95368

LONGITUDE: -109.5922

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. RLB0005238)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-8496)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.
Unit NATURAL BUTTES
___ R649-3-2. General
Siting: 460' From Qtr/Qtr & 920' Between Wells
___ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 17314
Eff Date: 12-2-99
Siting: 460' fr u bars & u ncomm. tract
___ R649-3-11. Directional Drill

COMMENTS:

Needs Pres. b (12-20-05)

STIPULATIONS:

1- Federal Approved
2- OIL SHALE
3- STATEMENT OF BASIS

**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

OPERATOR: WESTPORT OIL AND GAS.
WELL NAME & NUMBER: NBU 1021-18B
API NUMBER: 43-047-37432
LOCATION: 1/4,1/4 NWNE Sec: 18 TWP: 10S RNG: 21E 544' FNL 2094' FEL

Geology/Ground Water:

Westport proposes to set 2,100' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 5,100'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 18. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water.

Reviewer: Brad Hill **Date:** 12/27/05

Surface:

The pre-site investigation of the surface was performed on 12/20/2005. This site is on State surface, with Federal minerals, and appears to be a good site for a well in this drilling window. Jim Davis of SITLA was present but stated no concerns with drilling at this site. Ben Williams from DWR was present, but stated no wildlife concerns with drilling on this location. Carroll Estes discussed pipeline capacity and stated that pipeline would not follow access road as originally planned but would go south from location to an existing pipeline.

Reviewer: Richard Powell **Date:** 12/20/2005

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: WESTPORT OIL AND GAS COMPANY
WELL NAME & NUMBER: NBU 1021-18B
API NUMBER: 43-047-37432
LEASE: UTU-02270-A FIELD/UNIT: NATURAL BUTTES
LOCATION: 1/4, 1/4 NWNE Sec: 18 TWP: 10S RNG: 21E 544' FNL 2094' FEL
LEGAL WELL SITING: 460' from unit boundary and uncommitted tracts.
GPS COORD (UTM): 12T 0620256 4423355 SURFACE OWNER: SITLA.

PARTICIPANTS

Richard Powell and Ted Smith (DOGM), Ben Williams (DWR), Debra Domenici and Carroll Estes (WESTPORT), David Kay and Lucas Kay (UELS), Jim Davis (SITLA)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Area of location is quite flat. There are scattered hills and valleys nearby with exposed rock outcroppings along the ridges. Ouray is approximately 13 miles northwest.

SURFACE USE PLAN

CURRENT SURFACE USE: Wildlife Grazing.

PROPOSED SURFACE DISTURBANCE: Location as proposed will be 350' by 293'. Proposed new access road 340'+/-.

LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS: See attached map from GIS database.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Pipeline will not follow access road as originally planned but will travel south of location to and existing pipeline.

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be borrowed from site during construction of location.

ANCILLARY FACILITIES: None required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? (EXPLAIN): Unlikely.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Portable toilets, sewage holding tanks, and onsite sewage treatment equipment will be handled by commercial contractors and regulated by the appropriate health authority. Trash will be contained

in trash baskets and disposed of at an approved landfill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: The area of location contains sparse, low growing sagebrush, with some bunch grass, salt brush, rabbit brush and prickly pear. Wildlife found in this area may include: Rodents, Raptors, Coyote, Pronghorn, Bobcat, Prairie Dogs and Rabbits.

SOIL TYPE AND CHARACTERISTICS: Poor, light brown silt soil with fractured shale.

EROSION/SEDIMENTATION/STABILITY: It does not appear that construction will affect erosion or the potential of sediment leaving the site.

PALEONTOLOGICAL POTENTIAL: None observed.

RESERVE PIT

CHARACTERISTICS: 150' by 100' and ten feet deep. Reserve pit to be placed in cut.

LINER REQUIREMENTS (Site Ranking Form attached): A liner will be required for reserve pit. Site ranking score is 30.

SURFACE RESTORATION/RECLAMATION PLAN

As per SITLA

SURFACE AGREEMENT: As per SITLA

CULTURAL RESOURCES/ARCHAEOLOGY: Center Stake marked by Moac K.M. on 9/28/2005.

OTHER OBSERVATIONS/COMMENTS

ATTACHMENTS

PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

RICHARD POWELL
DOGM REPRESENTATIVE

12/20/2005 9:40 AM
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

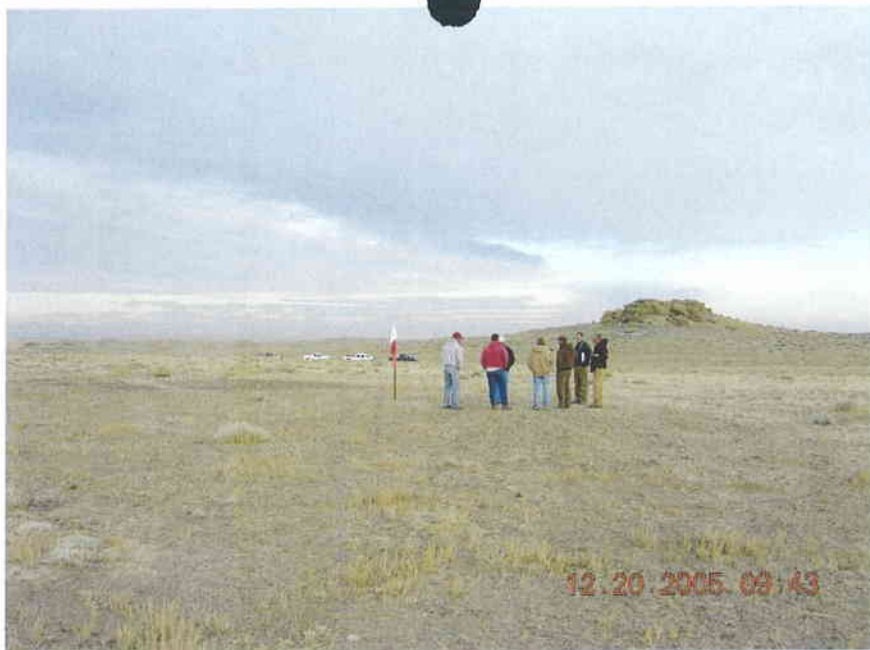
<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>20</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

Final Score 30 (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

December 1, 2005

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2005 Plan of Development Natural Buttes Unit Uintah
County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Natural Buttes Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Wasatch/MesaVerde)

43-047-37431	NBU 1021-18A Sec 18 T10S R21E 0489 FNL 0599 FEL	
43-047-37432	NBU 1021-18B Sec 18 T10S R21E 0544 FNL 2094 FEL	
43-047-37433	NBU 1021-21M Sec 21 T10S R21E 0839 FSL 0834 FWL	
43-047-37434	NBU 1021-21O Sec 21 T10S R21E 0901 FSL 1640 FEL	
43-047-37435	NBU 1021-21I Sec 21 T10S R21E 2121 FSL 0920 FEL	
43-047-37436	NBU 1021-21J Sec 21 T10S R21E 2171 FSL 1842 FEL	
43-047-37437	NBU 1021-21K Sec 21 T10S R21E 1914 FSL 2150 FWL	

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Natural Buttes Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number UTU-02270-A
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement NATURAL BUTTES
		9. Well Name and Number NBU 1021-18B
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		10. API Well Number
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.		11. Field and Pool, or Wildcat NATURAL BUTTES
3. Address of Operator 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078	4. Telephone Number 435-781-7060	
5. Location of Well Footage : 544' FNL 2094' FEL County : UINTAH QQ, Sec. T., R., M : NWNE SEC 18-T10S-R21E State : UTAH		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

NOTICE OF INTENT

(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input checked="" type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Approximate Date Work Will Start WHEN APPROVED**SUBSEQUENT REPORT**

(Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

OPERATOR REQUESTS PERMISSION TO RE-ROUTE THE PIPELINE AS DISCUSSED AT THE ONSITE.
 PLEASE REFER TO THE ATTACHED TOPO D FOR THE NEW PIPELINE ROUTE.

14. I hereby certify that the foregoing is true and correct.

Name & Signature DEBRA DOMENICI *Debra Domenici* Title ASSOC. ENV. ANALYST Date 12/27/05

(State Use Only)

RECEIVED**JAN 03 2006**



From: Ed Bonner
To: Whitney, Diana
Date: 1/10/2006 9:55:42 AM
Subject: Re: Wells clearance

Diana,

Please be advised that the following wells are SITLA surface, Federal mineral and will require clearance from Kurt Higgins:

Westport O&G Co	NBU 1021-18A
Westport O&G Co	NBU 1021-18B
Westport O&G Co	NBU 1021-21M
Westport O&G Co	NBU 1021-21O
Westport O&G Co	NBU 1021-21I
Westport O&G Co	NBU 1021-21J
Westport O&G Co	NBU 1021-21K
Westport O&G Co	Hatch 923-13C

Thanks, Ed

>>> Diana Whitney 12/27/05 11:36 AM >>>

Hi Ed,

Do you have a wells clearance for the following wells

		Sent to Sitla on
Westport O&G Co	NBU 1021-18A	12/1/2005
Westport O&G Co	NBU 1021-18B	12/1/2005
Westport O&G Co	NBU 1021-21M	12/1/2005
Westport O&G Co	NBU 1021-21O	12/1/2005
Westport O&G Co	NBU 1021-21I	12/1/2005
Westport O&G Co	NBU 1021-21J	12/1/2005
Westport O&G Co	NBU 1021-21K	12/1/2005
Houston Expl Co	N Horseshoe 7-16-6-21	12/1/2005
Houston Expl Co	N Horseshoe 9-16-6-21	12/1/2005
Houston Expl Co	N Horseshoe 15-16-6-21	12/1/2005
Houston Expl Co	N Horseshoe 11-16-6-21	12/1/2005
Houston Expl Co	N Horseshoe 1-16-6-21	12/1/2005
Houston Expl Co	N Walker Hollow 11-36-6-23	12/7/2005
Houston Expl Co	N Walker Hollow 13-36-6-23	12/7/2005
Houston Expl Co	N Walker Hollow 15-36-6-23	12/7/2005
Summit Oper LLC	State 6-2-14-22	10/31/2005
Summit Oper LLC	State 2-2-14-22	10/31/2005
Gasco Production Co	Uteland St 43-2-10-18	10/31/2005
Gasco Production Co	Uteland St 23-2-10-18	10/31/2005
Colorado-Utah Natural	Little Boy 1	11/9/2005
Colorado-Utah Natural	Little Boy 2	11/9/2005
Houston Expl Co	N Horseshoe 3-16-6-21	11/18/2005
Summit Oper LLC	State 4-2-14-22	10/20/2005
Summit Oper LLC	State 13-2-14-22	10/20/2005
Pendragon Enery	State 9-16-10-18	10/3/2005
Westport O&G Co	NBU 1022-19J	10/3/2005



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

January 12, 2006

Westport Oil & Gas Company, LP
1368 South 1200 East
Vernal, UT 84078

Re: Natural Buttes Unit 1021-18B Well, 544' FNL, 2094' FEL, NW NE, Sec. 18,
T. 10 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37432.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Westport Oil & Gas Company, LP
Well Name & Number Natural Buttes Unit 1021-18B
API Number: 43-047-37432
Lease: UTU-02270-A

Location: NW NE Sec. 18 T. 10 South R. 21 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

RECEIVED

NOV 23 2005

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-02270-A
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator WESTPORT OIL & GAS COMPANY L.P.		7. If Unit or CA Agreement, Name and No. NATURAL BUTTES
3a. Address 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078	3b. Phone No. (include area code) (435) 781-7060	8. Lease Name and Well No. NBU 1021-18B
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWNE 544' FNL 2094' FEL At proposed prod. Zone		9. API Well No. 43-047-37432
14. Distance in miles and direction from nearest town or post office* 12.8 MILES SOUTHEAST OF OURAY, UTAH		10. Field and Pool, or Exploratory NATURAL BUTTES
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 544'	16. No. of Acres in lease 2167.03	11. Sec., T., R., M., or Blk. and Survey or Area SEC 18-T10S-R21E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	19. Proposed Depth 9700'	12. County or Parish UINTAH
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5114.7' GL	22. Approximate date work will start* UPON APPROVAL	13. State UT
20. BLM/BIA Bond No. on file CO-1203		17. Spacing Unit dedicated to this well 40
23. Estimated duration TO BE DETERMINED		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature <i>Debra Domenici</i>	Name (Printed/Typed) DEBRA DOMENICI	Date 2/16/2006
Title ASSOCIATE ENVIRONMENTAL ANALYST		
Approved by (Signature) <i>Thomas R. Clary</i>	Name (Printed/Typed)	Date 03/17/2006
Title Assistant Field Manager Mineral Resources		
Office		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NOTICE OF APPROVAL
MAR 24 2006

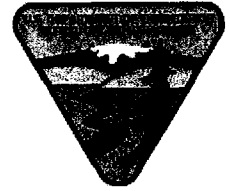
UTAH DIVISION OF OIL, GAS & MINING

UDOGM



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Westport Oil & Gas Co.
Well No: NBU 1021-18B
API No: 43-047-37432

Location: NWNE, Sec 18, T10S, R21E
Lease No: UTU-02270-A
Agreement: Natural Buttes WS MV

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- | | | |
|---|---|--|
| Location Construction
(Notify Holly Villa) | - | Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion
(Notify Holly Villa) | - | Prior to moving on the drilling rig. |
| Spud Notice
(Notify Petroleum Engineer) | - | Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing
(Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests
(Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice
(Notify Petroleum Engineer) | - | Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

**Adhere to the Conditions of Approval attached to the APD Approval from the State of Utah
Division of Oil, Gas, & Mining for state surface.**

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. None.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.

All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.

BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
6. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior

approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

7. Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.

Please submit an electronic copy of all logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

10. Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future

meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
13. Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day

period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/6/2006

FROM: (Old Operator):

N2115-Westport Oil & Gas Co., LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

TO: (New Operator):

N2995-Kerr-McGee Oil & Gas Onshore, LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

CA No.		Unit:		NATURAL BUTTES UNIT				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on: _____
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: _____
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other **CHANGE OF OPERATOR**

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005237

APPROVED 5/16/06

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Title

DRILLING MANAGER

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
MAY 10 2006

DIV OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Office

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)
3106
COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :
1999 Broadway, Suite 3700 : Oil & Gas
Denver, CO 80202 :

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell
Martha L. Maxwell
Land Law Examiner
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-922)

March 27, 2006

Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of
Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare
Dave Mascarenas
Susan Bauman

RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MINERALS

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR:
KERR MCGEE OIL & GAS ONSHORE LP

3. ADDRESS OF OPERATOR:
1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER:
(435) 781-7024

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 544'FNL, 2094'FEL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 18 10S 21E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE OPERATOR REQUESTS AUTHORIZATION TO MOVE THE LOCATION FOOTAGES FROM 544'FNL, 2094'FEL TO 560'FNL, 2104'FEL. THE OPERATOR HAD TO MOVE THE CENTER STAKE 40' FROM THE RESERVE PIT. ALSO, CHANGED THE PROPOSED ACCESS ROAD FROM 340' +/- TO 350' +/-.

THE OPERATOR HAS ALSO RE-ROUTED THE PIPELINE FROM 994' +/- TO 500' +/- GOING SOUTH TO AN EXISTING PIPELINE.

REFER TO THE ATTACHED REVISED PLATS.

620253X 39.953632
4423350Y -109.592233

RECEIVED
SEP 18 2006

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE REGULATORY ANALYST

SIGNATURE

DATE 9/13/2006

(This space for State use only)

CONSENT TO OPERATE
DATE: 10-4-06
INITIALS: CHD

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 09-21-06
By: [Signature]

Kerr-McGee Oil & Gas Onshore LP

NBU #1021-18B

SECTION 18, T10S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 2.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 350' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 43.8 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #1021-18B

LOCATED IN UINTAH COUNTY, UTAH

SECTION 18, T10S, R21E, S.L.B.&M.



PHOTO: VIEW OF LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

10 **21** **05**
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

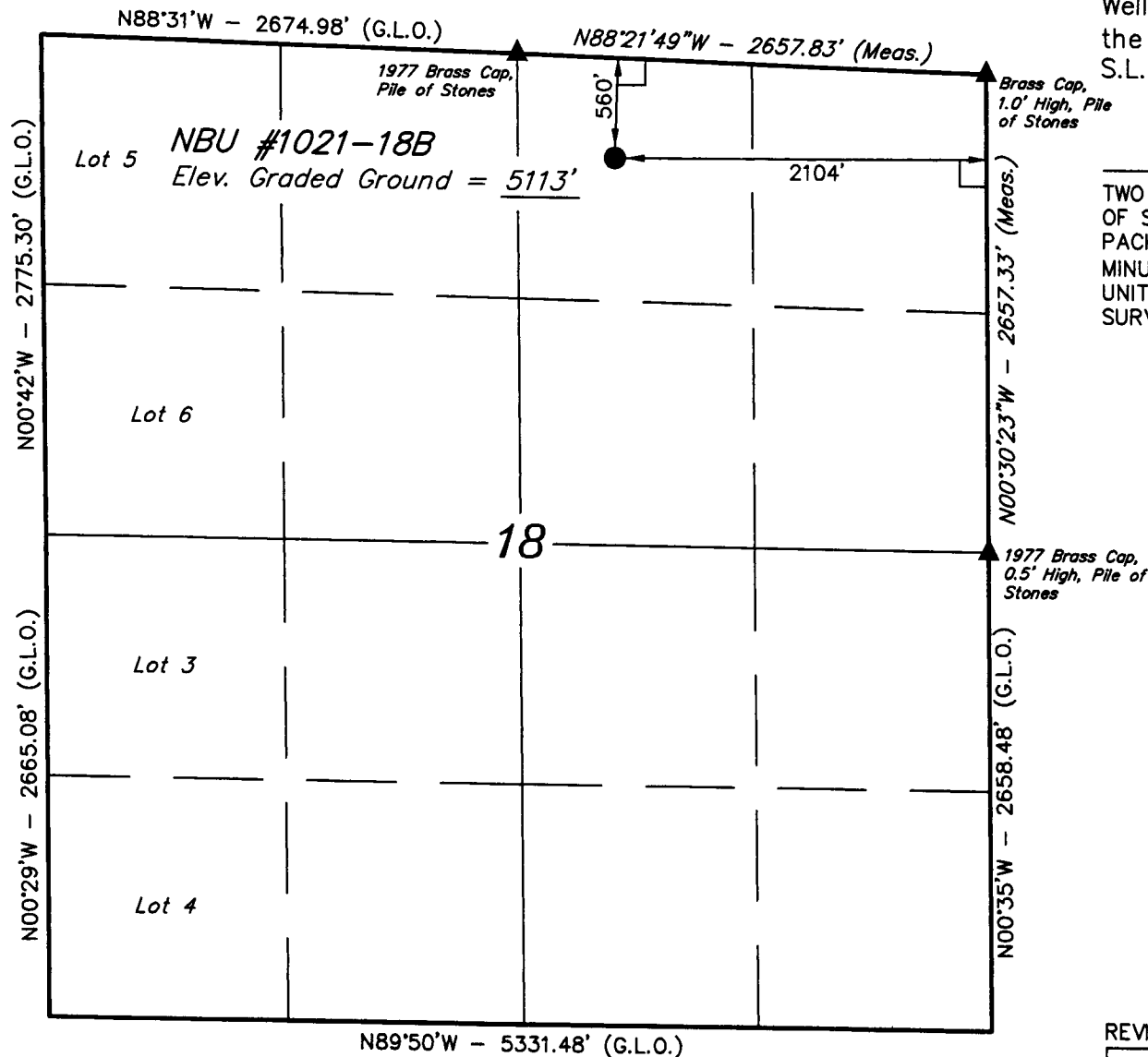
DRAWN BY: C.P.

REVISED: 09-07-06

T10S, R21E, S.L.B.&M.

Kerr-McGee Oil & Gas Onshore LP

Well location, NBU #1021-18B, located as shown in the NW 1/4 NE 1/4 of Section 18, T10S, R21E, S.L.B.&M. Uintah County, Utah.

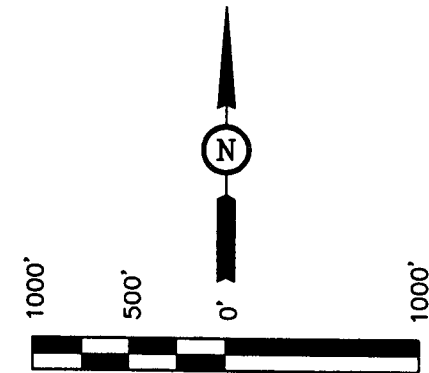


BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS

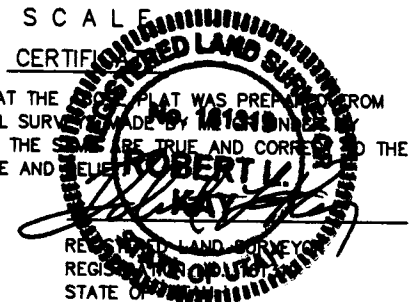
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFY

THIS IS TO CERTIFY THAT THE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME, UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REVISED: 09-06-06 C.H.

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)
 LATITUDE = 39°57'13.05" (39.953625)
 LONGITUDE = 109°35'34.54" (109.592928)
 (NAD 27)
 LATITUDE = 39°57'13.18" (39.953661)
 LONGITUDE = 109°35'32.06" (109.592239)

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

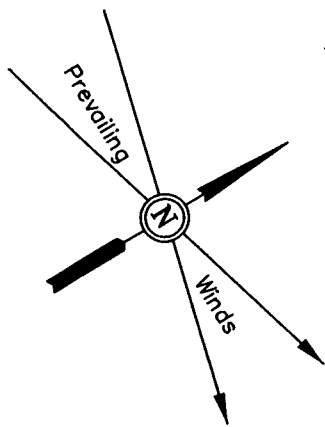
SCALE 1" = 1000'	DATE SURVEYED: 10-17-05	DATE DRAWN: 10-27-05
PARTY D.K. B.B. K.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE Kerr-McGee Oil & Gas Onshore LP	

WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #1

LOCATION LAYOUT FOR

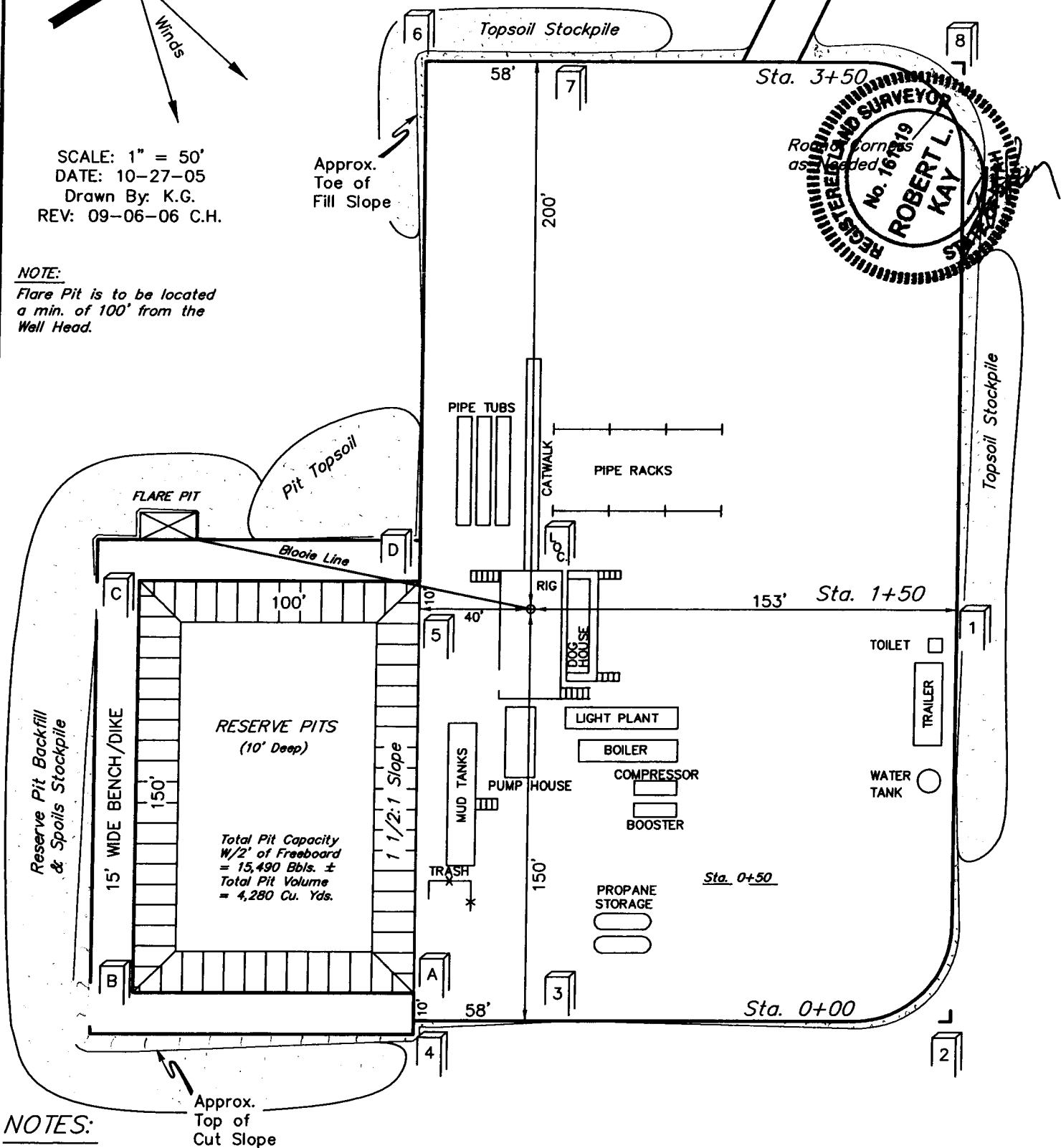
NBU #1021-18B
SECTION 18, T10S, R21E, S.L.B.&M.
560' FNL 2104' FEL



SCALE: 1" = 50'
DATE: 10-27-05
Drawn By: K.G.
REV: 09-06-06 C.H.

NOTE:

Flare Pit is to be located
a min. of 100' from the
Well Head.



NOTES:

Approx.
Top of
Cut Slope

WESTPORT OIL AND GAS COMPANY, L.P.

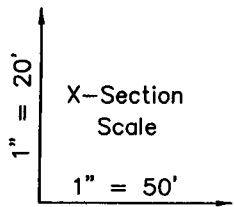
FIGURE #2

TYPICAL CROSS SECTIONS FOR

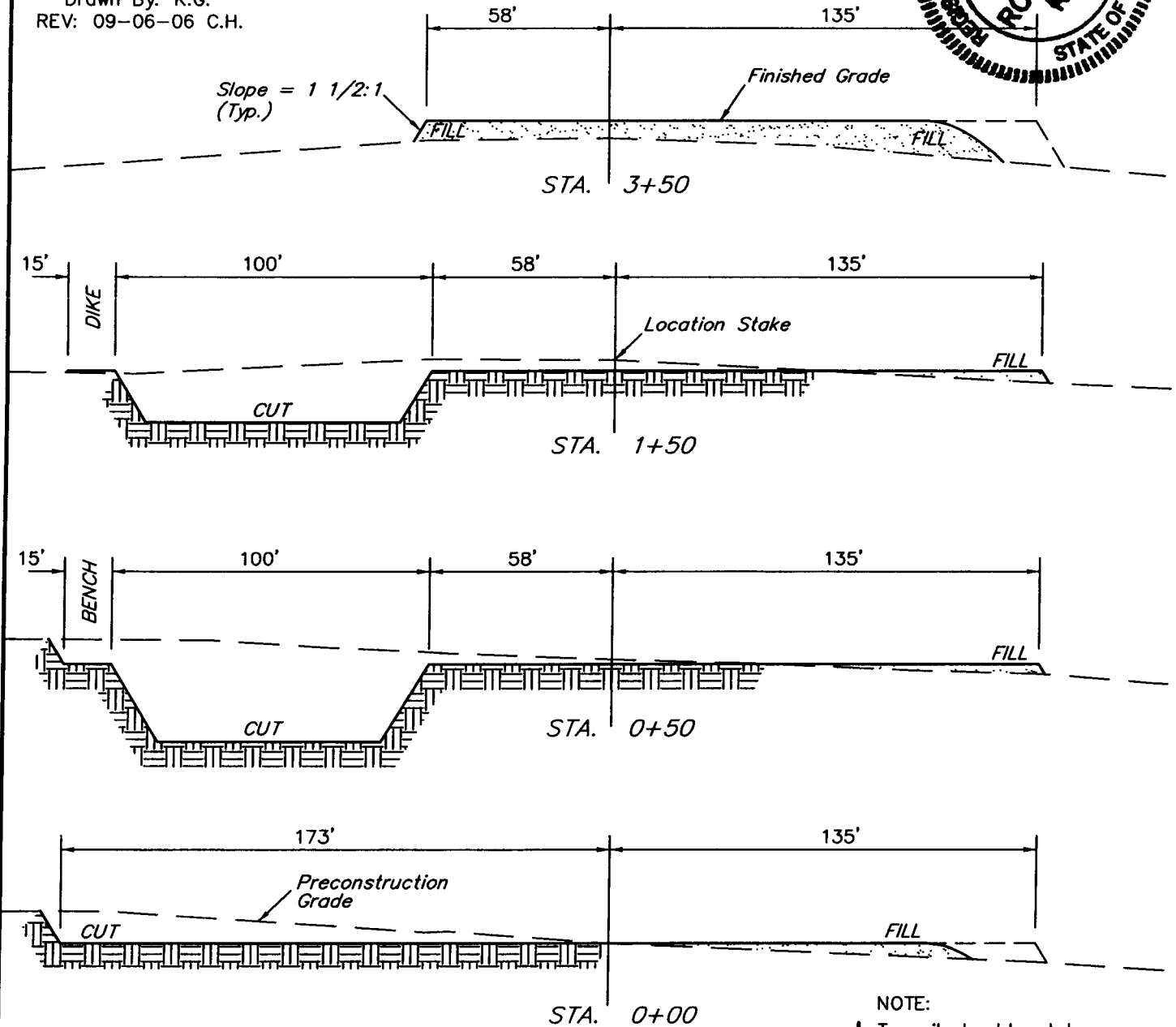
NBU #1021-18B

SECTION 18, T10S, R21E, S.L.B.&M.

544' FNL 2094' FEL



DATE: 10-27-05
Drawn By: K.G.
REV: 09-06-06 C.H.



NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

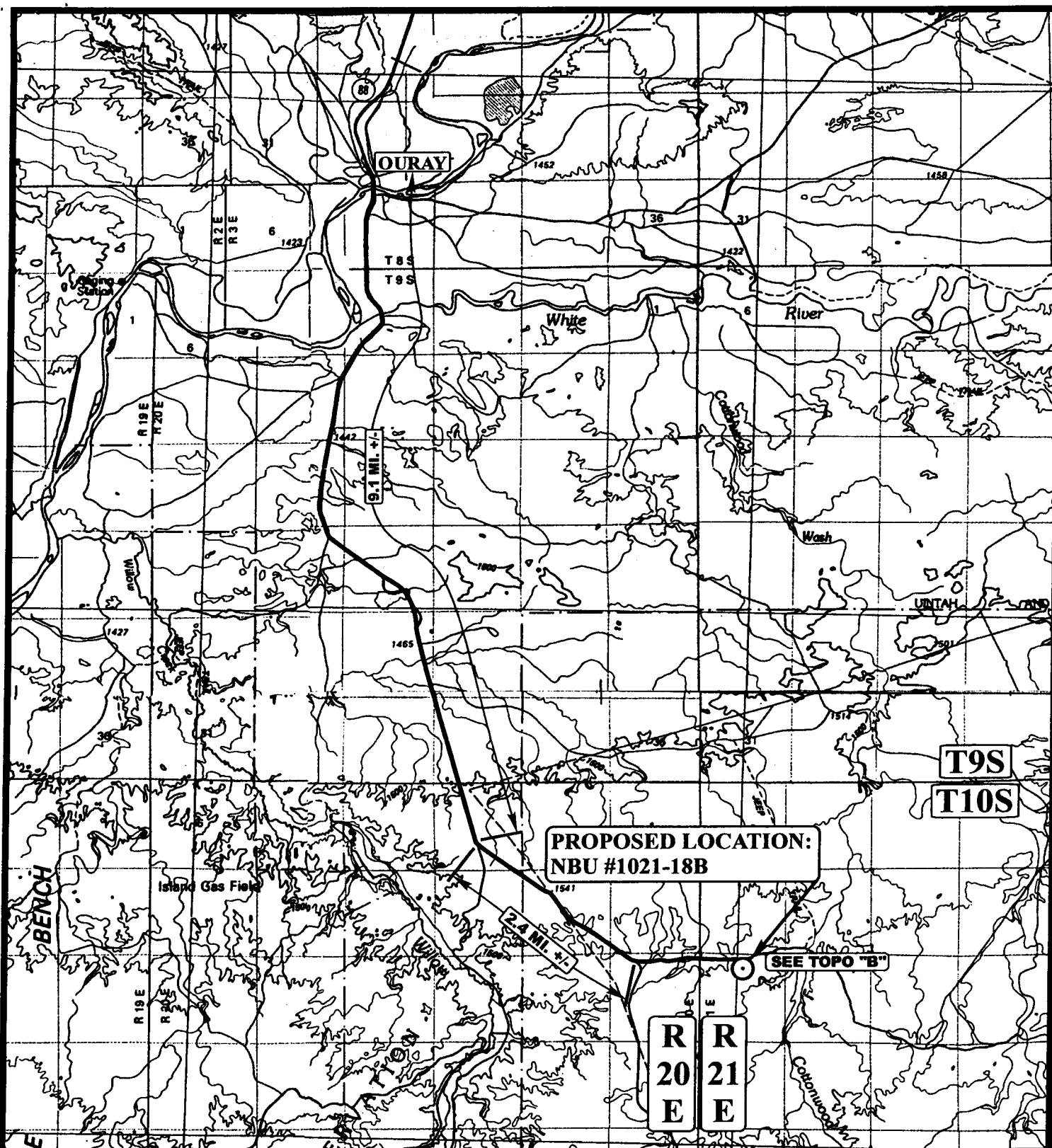
* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,750 Cu. Yds.
Remaining Location	= 5,760 Cu. Yds.
TOTAL CUT	= 7,510 CU.YDS.
FILL	= 3,620 CU.YDS.

EXCESS MATERIAL	= 3,890 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,890 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



LEGEND:

○ PROPOSED LOCATION



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



Kerr-McGee Oil & Gas Onshore LP

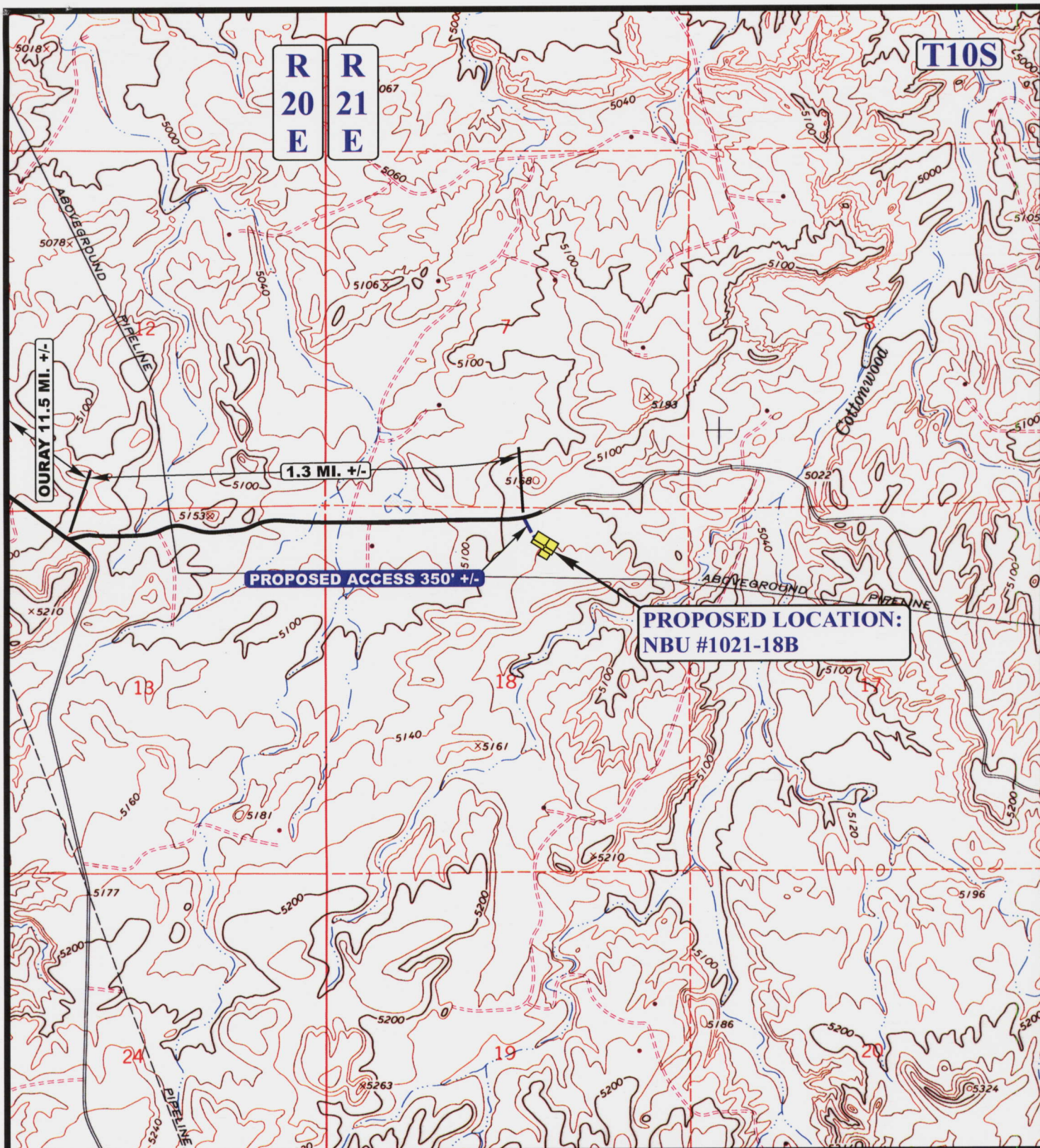
NBU #1021-18B
SECTION 18, T10S, R21E, S.L.B.&M.
560' FNL 2104' FEL

TOPOGRAPHIC
MAP

10 **21** **05**
MONTH DAY YEAR

SCALE: 1:100,000 **DRAWN BY: C.P.** **REVISED: 09-07-06**





LEGEND:

EXISTING ROAD
 PROPOSED ACCESS ROAD



Kerr-McGee Oil & Gas Onshore LP

NBU #1021-18B

SECTION 18, T10S, R21E, S.L.B.&M.

560' FNL 2104' FEL



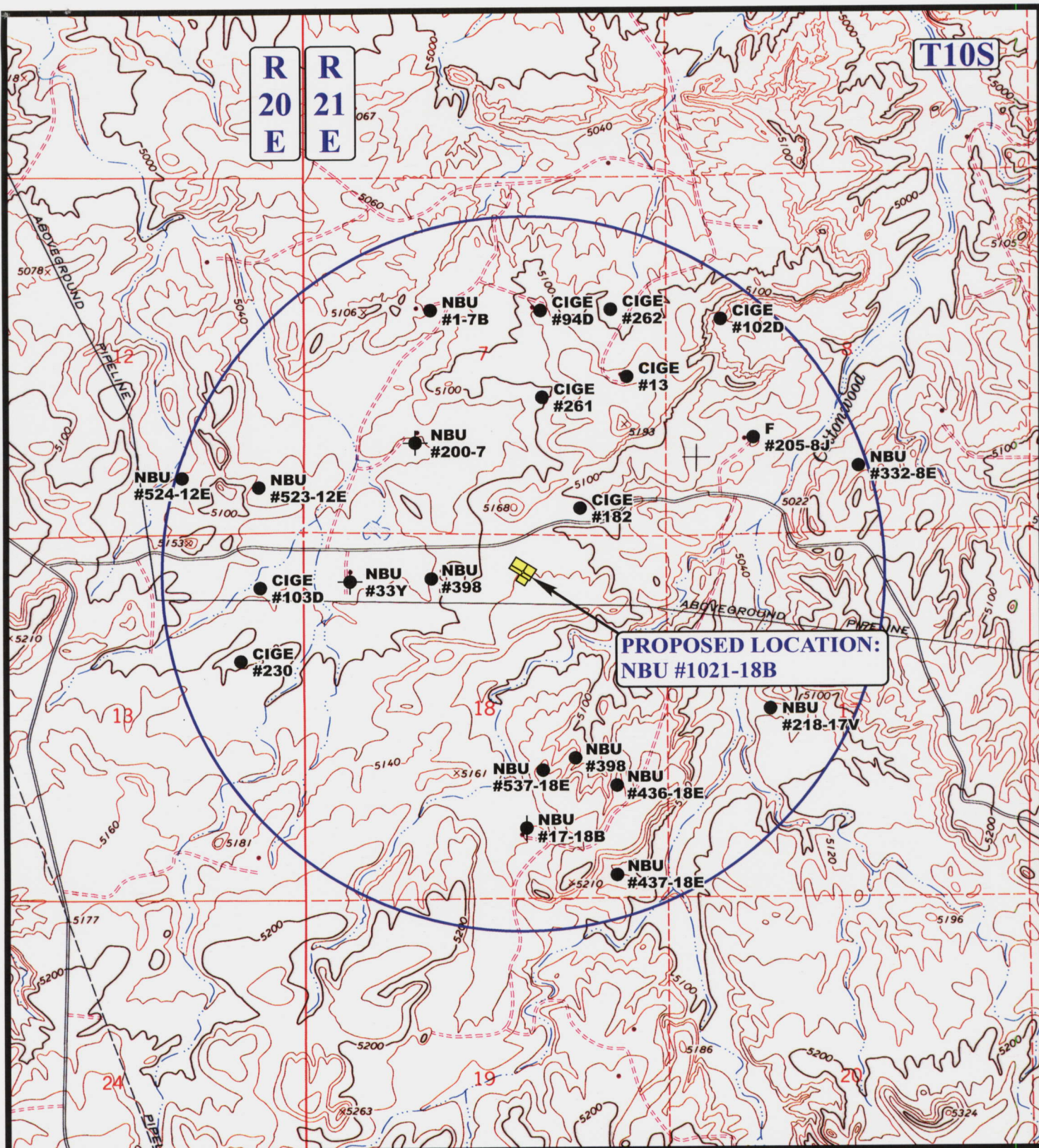
Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

10 21 05
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 09-07-06

B
TOPO



LEGEND:

- | | |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS | ○ WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |



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Kerr-McGee Oil & Gas Onshore LP

NBU #1021-18B
SECTION 18, T10S, R21E, S.L.B.&M.
560' FNL 2104' FEL

TOPOGRAPHIC
MAP

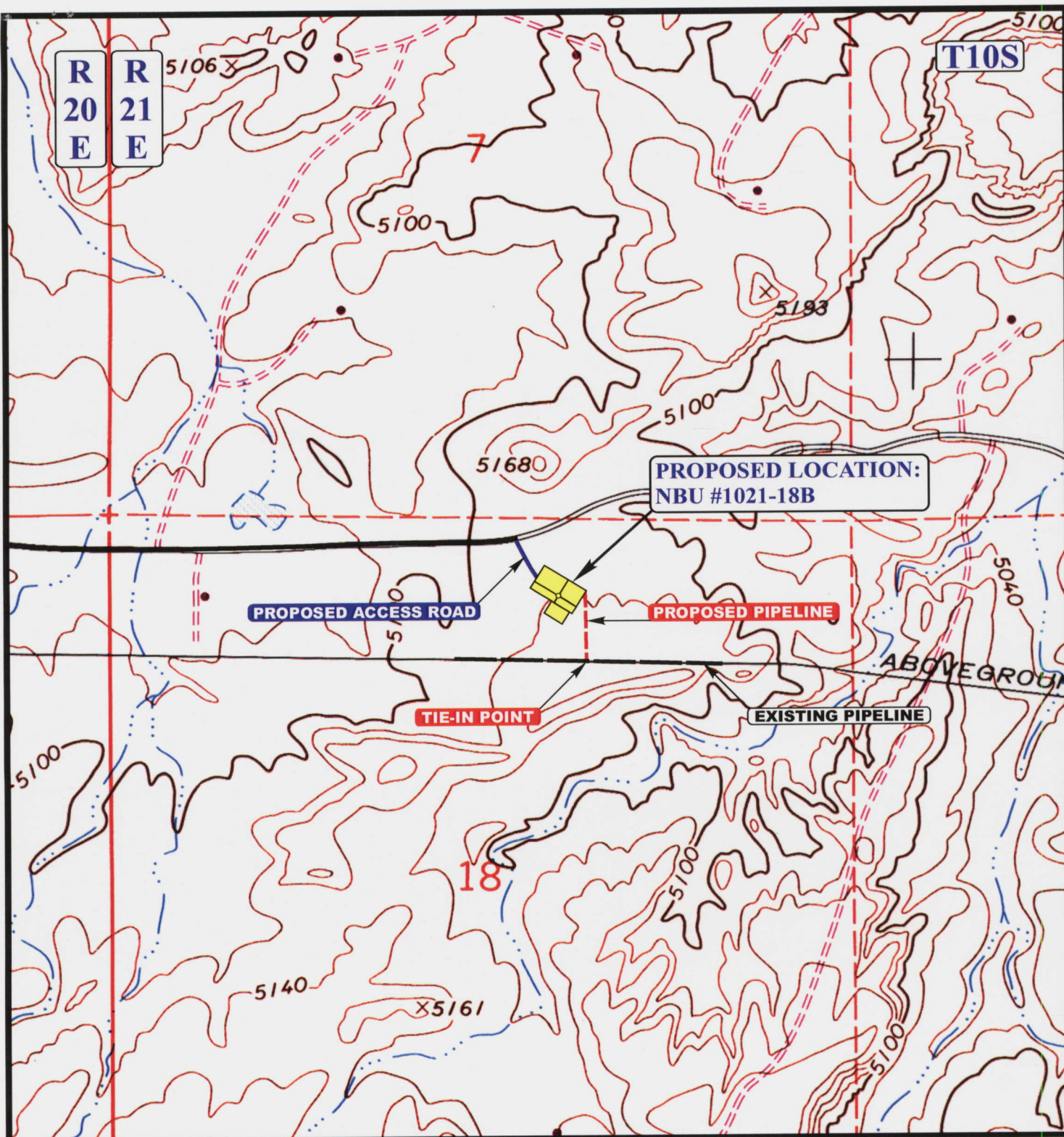
10 21 05
 MONTH DAY YEAR

SCALE: 1" = 2000'

DRAWN BY: C.P.

REVISED: 09-07-06

C
TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 500' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - - - PROPOSED PIPELINE



Kerr-McGee Oil & Gas Onshore LP

NBU #1021-18B

SECTION 18, T10S, R21E, S.L.B.&M.

560' FNL 2104' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

12 21 05
MONTH DAY YEAR

SCALE: 1" = 1000'

DRAWN BY: C.P.

REVISED: 09-07-06



Kerr-McGee Oil & Gas Onshore LP

NBU #1021-18B

PIPELINE ALIGNMENT

LOCATED IN UINTAH COUNTY, UTAH

SECTION 18, T10S, R21E, S.L.B.&M.



PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: WESTERLY



PHOTO: VIEW OF PIPELINE AT LOCATION

CAMERA ANGLE: SOUTHEASTERLY



- Since 1964 -

UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

435-789-1017 uels@uelsinc.com

PIPELINE PHOTOS

10 21 05
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: C.P.

REVISED: 09-07-06

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: KERR MCGEE OIL & GAS ONSHORE LP
Address: 1368 SOUTH 1200 EAST
city VERNAL
state UT zip 84078

Operator Account Number: N 2995Phone Number: (435) 781-7024**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737432	NBU 1021-18B		NWNE	18	10S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<u>B</u>	99999	<u>2900</u>	12/7/2006			<u>12/13/06</u>	
Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSMVD</u> SPUD WELL LOCATION ON 12/07/2006 AT 1100 HRS.							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304735988	GLEN BENCH 822-22F		SENE	22	8S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<u>A</u>	99999	<u>15834</u>	12/8/2006			<u>12/13/06</u>	
Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSMVD</u> SPUD WELL LOCATION ON 12/08/2006 AT 0900 HRS.							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

To: EARLENE Russell From: Sheila Upchego
(8/2000) Co./Dept. UTDOG M Co. KMG
Phone # (801) 538-5336 Phone # (435) 781-7024
Fax # (801) 359-3940 Fax # (435) 781-7094

SHEILA UPCHEGO

Name (Please Print)

Signature

SENIOR LAND SPECIALIST

Title

12/11/2006

Date

RECEIVED

DEC 11 2006

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

UTU-02270-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

UNIT #891008900A

8. WELL NAME and NUMBER:

NBU 1021-18B

9. API NUMBER:

4304737432

10. FIELD AND POOL, OR WILDCAT:

NATURAL BUTTES

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER _____

2. NAME OF OPERATOR:

KERR MCGEE OIL & GAS ONSHORE LP

3. ADDRESS OF OPERATOR:

1368 SOUTH 1200 EAST CITY VERNAL

STATE UT

ZIP 84078

PHONE NUMBER:

(435) 781-7024

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 560'FNL, 2107'FEL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWN 18 10S 21E

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☒ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

TYPE OF ACTION

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☒ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: WELL SPUD

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 12/07/2006 AT 1100 HRS.

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE SENIOR LAND ADMIN SPECIALIST

SIGNATURE

DATE 12/11/2006

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DEC 18 2006

DIV OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-02270-A
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 560'FNL, 2107'FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 18 10S 21E		8. WELL NAME and NUMBER: NBU 1021-18B
PHONE NUMBER: (435) 781-7024		9. API NUMBER: 4304737432
		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
		COUNTY: UINTAH
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: SET SURFACE CSG.
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.


MIRU BILL MARTIN AIR RIG ON 12/13/2006. DRILLED 12 1/4" SURFACE HOLE TO 2130' RAN 9 5/8" 32.3# H-40 SURFACE CSG. LEAD CMT W/375 SX PREM CLASS G @15.8 PPG 1.15 YIELD. NO RETURNS TO PIT. TOP OUT W/395 SX PREM CLASS G @15.8 PPG 1.15 YIELD DOWN BACKSIDE. CMT TO SURFACE HOLE STAYED FULL.

WORT.

RECEIVED

DEC 26 2006

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE 	DATE 12/18/2006

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

UTU-02270-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

UNIT #891008900A

8. WELL NAME and NUMBER:

NBU 1021-18B

9. API NUMBER:

4304737432

10. FIELD AND POOL, OR WILDCAT:

NATURAL BUTTES

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER _____

2. NAME OF OPERATOR:

KERR MCGEE OIL & GAS ONSHORE LP

3. ADDRESS OF OPERATOR:

1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER:

(435) 781-7024

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 560'FNL, 2107'FEL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 18 10S 21E

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☒ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☒ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: FINAL DRILLING
OPERATIONS.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

FINISHED DRILLING FROM 2130' TO 9665' ON 02/03/2007. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/380 SX PREM LITE II @11.0 PPG 3.38 YIELD. TAILED CMT W/1090 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DROP PLUG & DISPLACED W/149 BBLS WATER & BUMP PLUG W/500 OVER FINAL CIRC PSI OF 2900 & HAD FULL RETURNS DURING JOB GOT BACK 15 BBLS CMT TO PIT. SET HANGER W/75K STRING WT L/D LANDING JT. WASH AND CLEAN PITS.

RELEASED ENSIGN RIG 83 ON 02/05/2007 AT 0900 HRS

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE SENIOR LAND ADMIN SPECIALIST

SIGNATURE

DATE 2/7/2007

(This space for State use only)

RECEIVED

FEB 14 2007

DIV. OF OIL, GAS & MINING

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-02270-A
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST VERNAL UT 84078		7. UNIT OR CA AGREEMENT NAME: UNIT #891008900A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 560'FNL, 2107'FEL		8. WELL NAME AND NUMBER: NBU 1021-18B
5. API NUMBER: 4304737432		9. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
6. PHONE NUMBER: (435) 781-7024		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
7. COUNTY: UINTAH		
8. STATE: UTAH		

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: SQUEEZE CASING CONNECTION LEAK	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The operator requests authorization to Squeeze casing/connection leak @ 4510', on new well drilled Feb 2006, which is at the bottom of the marker/short joint. The leak was confirmed based on pkr test, tracer survey, and down hole camera in over the past few weeks. An attempt to run and seal the leak with an internal casing patch failed to completely seal the leak. The patch was drilled out (3/9/2007) and the plan is to squeeze the leak with cement.

COPY SENT TO OPERATOR
Date: 3/20/07
Initials: CHD

NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE *[Signature]* DATE 3/19/2007

(This space for State use only)

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

(See Instructions on Reverse Side)

(6/2000)

Date: 3/20/07
By: *[Signature]*

RECEIVED

MAR 19 2007

DIV. OF OIL, GAS AND MINING

NBU 1021-18B COMPLETION PROCEDURE**NWNE-Section 18 – T10S – R21E****Uintah County, UT****February 21, 2007****ELEVATIONS: 5113' GL****5130' KB****TOTAL DEPTH: 9658'****PBTD: FC @ ~9613'****SURFACE CASING:****9 5/8", 32.3# H-40 ST&C @ 2121'****PRODUCTION CASING:****4 1/2", 11.6#, I-80 LT&C @ 9658'****Marker Joint 4490+'-4510' (From cased hole logs)****TUBULAR PROPERTIES:**

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

GENERAL:

Squeeze casing/connection leak @ 4510', on new well drilled Feb 2006, which is at the bottom of the marker/short joint. The leak was confirmed based on pkr test, tracer survey, and down hole camera in over the past few weeks. An attempt to run and seal the leak with an internal casing patch failed to completely seal the leak. The patch was drilled out (3/9/2007) and the plan is to squeeze the leak with cement.

PROCEDURE:

1. MIRU, NU and test BOP. RIH 3 7/8" mill and clean out to PBTD'. Circulate hole clean with 2% KCL. POOH.
2. Run a casing caliper log over marker joint interval too check for thickness.
3. RIH and set a plug @ 4560'.
4. Obtain an injection rate into casing leak (@ 4510') and squeeze based on injection rate and pressure.
5. RIH and drill out cmt to plug. Test casing to 500 psi. Resqueeze if necessary.
6. If casing test, C/O plug. POOH L/D tbg.
7. P/U 4 1/2" 10K packer, 2 7/8" N-80 tbg (w/ slim-hole couplings). Set pkr @ 4600'. Test casing and packer to 7500 psi.
8. RDMO & frac well as planned down tbg and using sand plugs.

RBM**RECEIVED****MAR 19 2007**

DIV. OF OIL & GAS

**Kerr-McGee Oil & Gas Onshore LP**

1368 South 1200 East Vernal Utah 84078
Telephone: 435-781-7024 Fax: 435-781-7094

To: STATE OF UTAH, DIVISION OF OIL, **From:** SHEILA UPCHEGO
GAS & MINING

ATTN: Dustin Doucet

Fax: (801) 359-3940

Pages: 3

Phone: (801) 538-5281

Date: 3/19/2007

Re:

CC:

☐ **Urgent** ☐ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

● **Comments:**

Dustin,

Attached is a Notice of Intent for the NBU 1021-18B well location. We are in need of approval to squeeze casing leak.

If you have any questions please feel free to contact me at (435) 781-7024 fax (435) 781-7094.

Thanks,
Sheila Upchego
Senior Land Admin Specialist

RECEIVED

MAR 19 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

UTU-02270-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

UNIT #891008900A

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

8. WELL NAME and NUMBER:

NBU 1021-18B

2. NAME OF OPERATOR:

KERR MCGEE OIL & GAS ONSHORE LP

9. API NUMBER:

4304737432

3. ADDRESS OF OPERATOR:

1368 SOUTH 1200 EAST

VERNAL

UT

84078

PHONE NUMBER:

(435) 781-7024

10. FIELD AND POOL, OR WILDCAT:

NATURAL BUTTES

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 560'FNL, 2107'FEL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 18 10S 21E

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: SQUEEZE CASING
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	CONNECTION LEAK

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The operator requests authorization to Squeeze casing/connection leak @ 4510', on new well drilled Feb 2006, which is at the bottom of the marker/short joint. The leak was confirmed based on pkr test, tracer survey, and down hole camera in over the past few weeks. An attempt to run and seal the leak with an internal casing patch failed to completely seal the leak. The patch was drilled out (3/9/2007) and the plan is to squeeze the leak with cement.

RECEIVED

MAR 21 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE SENIOR LAND ADMIN SPECIALIST

SIGNATURE

DATE 3/19/2007

(This space for State use only)

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

Date: 3/22/07

By: [Signature]

(See Instructions on Reverse Side)

(5/2000)

SENT TO OPERATOR

Date: 3/23/07
By: [Signature]

NBU 1021-18B COMPLETION PROCEDURE**NWNE-Section 18 – T10S – R21E****Uintah County, UT****February 21, 2007****ELEVATIONS:** 5113' GL 5130' KB**TOTAL DEPTH:** 9658' **PBTD:** FC @ ~9613'**SURFACE CASING:** 9 5/8", 32.3# H-40 ST&C @ 2121'**PRODUCTION CASING:** 4 1/2", 11.6#, I-80 LT&C @ 9658'

Marker Joint 4490+'-4510' (From cased hole logs)

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
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2 3/8" by 4 1/2" Annulus				0.0101	0.4227

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7. P/U 4 1/2" 10K packer, 2 7/8" N-80 tbg (w/ slim-hole couplings). Set pkr @ 4600'. Test casing and packer to 7500 psi.
8. RDMO & frac well as planned down tbg and using sand plugs.

RBM

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-02270-A
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST VERNAL UT 84078		7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 560'FNL, 2107'FEL		8. WELL NAME and NUMBER: NBU 1021-18B
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 18 10S 21E		9. API NUMBER: 4304737432
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
STATE: UTAH		


11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: PRODUCTION START-UP	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 04/22/2007 AT 9:00 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE SENIOR LAND ADMIN SPECIALIST
SIGNATURE 	DATE 4/26/2007

(This space for State use only)

RECEIVED
MAY 01 2007
DIVISION OF OIL, GAS AND MINING



Anadarko Petroleum Corporation
1368 S. 1200 East
Vernal, UT 84078

CHRONOLOGICAL WELL HISTORY

NBU 1021-18B

NWNE, SEC. 18, T10S, R21E
UINTAH COUNTY, UT

DATE	Activity	Status
08/10/06	LOCATION STARTED	Ensign 83
08/21/06	Location Complete	Ensign 83 WOBR
12/07/06	SET CONDUCTOR	Ensign 83 WOAR
12/11/06	P/L IN	Ensign 83
12/13/06	AIR RIG SPUD	Ensign 83 DRLG, WORT
01/22/07	TD: 2130' Csg. 9 5/8" @ 2690' MW: 8.4 SD: 1/1/07 Move to NBU 1021-18B. Spot rig and RURT. Thaw rig @ report time.	DSS: 0
01/23/07	TD: 2130' Csg. 9 5/8" @ 2121' MW: 8.4 SD: 1/1/07 Thaw lines. NU and test BOPE. PU BHA and DP @ report time.	DSS: 0
01/24/07	TD: 2600' Csg. 9 5/8" @ 2121' MW: 8.4 SD: 1/23/07 PU BHA and DP. POOH for plugged bit. TIH and drill cement and FE. Rotary spud @ 2130 hrs 1/23/06. Drill from 2155'-2600'. DA @ report time.	DSS: 1
01/25/07	TD: 3840' Csg. 9 5/8" @ 2121' MW: 8.6 SD: 1/23/07 Drill from 2600'-3840'. DA @ report time.	DSS: 2
01/26/07	TD: 5175' Csg. 9 5/8" @ 2121' MW: 9.2 SD: 1/23/07 Drill and survey from 3840'-5175'. DA @ report time.	DSS: 3
01/29/07	TD: 7510' Csg. 9 5/8" @ 2121' MW: 9.9 SD: 1/23/07 Drill and survey from 5175'-6671'. TFNB. Drill to 7510'. DA @ report time.	DSS: 6
01/30/07	TD: 8130' Csg. 9 5/8" @ 2121' MW: 10.2 SD: 1/23/07 Drill from 7510'-7786'. TFNB. Drill to 8130'. DA @ report time.	DSS: 7
01/31/07	TD: 8930' Csg. 9 5/8" @ 2121' MW: 10.7 SD: 1/23/07 Drill from 8130'-8930'. DA @ report time.	DSS: 8
02/01/07	TD: 9045' Csg. 9 5/8" @ 2121' MW: 11.0 SD: 1/23/07 Drill from 8930'-9025'. TFNB. Wash through bridge @ 3930'. FIH. Drill to 9045'. DA @ report time.	DSS: 9
02/02/07	TD: 9445' Csg. 9 5/8" @ 2121' MW: 11.2 SD: 1/23/07 Drill from 9045'-9445' DA @ report time.	DSS: 10

02/05/07 TD: 9665' Csg. 9 5/8" @ 2121' MW: 11.3 , SD: 1/23/07 DSS: 13
Drill from 9445'-9665' T/D 2/3/07 @ 04:00, Condition hole, TOH for logs, log w/Halliburton, TIH, condition, LDDP. Run 4.5 casing, Cement w/BJ. Set slips @ report time.

025/06/07 TD: 9665' Csg. 9 5/8" @ 2121' MW: 11.3 SD: 1/23/07 DSS: 14
Clean pits. Release rig @ 0900 hrs on 2/5. RDRT. Moving to NBU 920-25F @ report time.

02/22/07 **RUN TBG**
Days On Completion: 1
Remarks: 7:00 AM HSM RIG UP. (PREFORM RIG MAINTENANCE 2 HRS). PREP & TALLY 2 3/8" L-80 8RD TBG. P/U 3 7/8" MILL, BIT SUB & RIH P/U TBG OFF TRAILER TO 7300'. X-O POOH W/ 1000'. EOT @ 6300'. SWI. SDFN

02/23/07 **PRESSURE TEST CASING AND LD TBG**
Days on Completion: 2
Remarks: 7:00 AM HSM CONT TO POOH W/ TBG F/ 6300'. L/D BIT & BIT SUB. NDBOP. NU FRAC VLV'S. MIRU B&C QUICK TST. FILL CSG & PSI TST TO 7500#, PSI HELD FOR 2 MIN THEN BLEED OFF TO 1500#. ATTEMPT TO RE-PSI TST INJECTING INTO LEAK @ .5 BPM @ 1600#. MIRU CUTTERS. P/U 4 1/2" CIBP & RIH. SET CIBP @ 9543'. POOH. ATTEMPT TO PSI TST. INJECTING INTO LEAK @ .5 BPM +/-, @ 3000#. P/U 2ND CIBP & RIH. SET 2ND CIBP @ 9480'. POOH. ATTEMPT TO PSI TST. INJECTING INTO LEAK @ .5 BPM +/-, @ 2800#. SWI. CALL FOR PKR. SDFWE.

02/26/07 **ISOLATE CASING LEAK**
Days On Completion: 5
Remarks: 7:00 a.m. HSM
ND FRAC VLV'S, NU BOPE. P/U 4 1/2" HD PKR, R NIPPLE, & RIH W/ TBG 160 JTS. SET PKR @ 5076', R/U PMP & LINES. FILL CSG & PSI TST ABOVE PKR TO 3000#, PSI BLEED OFF TO 1500# IN 1 MIN. BLEED PSI OFF. RLS PKR & POOH W/ 80 JTS. SET PKR @ 2542'. FILL CSG & PSI TST ABOVE PKR TO 3000#. PSI TST HELD FOR 5 MIN. RLS PKR & RIH W/ 40 JTS. SET PKR @ 3810', FILL CSG & PSI TST TO 3000#, PSI TST HELD FOR 5 MIN. RLS PKR & RIH W/ 20 JTS.

SET PKR @ 4443', FILL CSG & PSI TST TO 3000#, PSI TST HELD FOR 5 MIN. RLS PKR & RIH W/ 10 JTS.
SET PKR @ 4759', FILL CSG & PSI TST TO 3000#, PSI TST FAILED LOST 1500# IN 1 MIN. INJECTING INTO LEAK @ 2800# .5 BPM +/--. RLS PKR POOH W/ 4 JTS.
SET PKR @ 4633'. FILL CSG & PSI TST TO 3000#, PSI TST FAILED. LOST 1500# IN 1 MIN. SAME INJ RT. RLS PKR PULL 2 JTS.
SET PKR @ 4570', FILL CSG & PSI TST TO 3000#, PSI TST FAILED. LOST 1500# IN 1 MIN. SAME INJ RT. RLS PKR & PULL 2 JTS.
SET PKR @ 4507'. FILL CSG & PSI TST TO 3000#, PSI TST HELD 5 MIN. RLS PKR & RIH W/ 31.5' (1 JT).
SET PKR @ 4517'. FILL CSG & PSI TST TO 3000#, PSI TST FAILED. LOST 1500# IN 1 MIN. SAME INJ RT. X-O PMP DWN TBG. PSI TST CSG BELOW PKR TO 3000#. HELD. CSG LEAK ISOLATED IN BTM COLLAR OF SHORT JT @ 4510'. CONSULT ENGINEERING. RLS PKR & POOH. L/D PKR. SWI.

02/27/07 **PREP CSG FOR PATCH**
Days On Completion: 6
Remarks: 7:00 A.M. HSM SICP 360#, BLEED PSI OFF. PREP & TALLY BHA. P/U 3 7/8" SHOE W/ MILL, 1 JT 3 7/8" WASH OVER PIPE. X-O & RIH W/ TBG TO 5042'. REV CIRC WELL CLEAN W/ 80 BBLS 2% KCL. (GAS & SMALL AMOUNT OF BLACK OIL IN RETURNS). R/D PMP & LINES. POOH. L/D BHA. PREP TO RUN CSG PATCH IN A.M. SWI. SDFD

02/28/07

SET CSG PATCH

Days On Completion: 7

Remarks: 8:00 a.m. HSM

P/U 3 1/2" SETTING TOOL. P/U 4" O.D. X 3.667" I.D. CSG PATCH. P/U STROKING ASSEMBLY & RIH 171JTS TBG & 2' TBG SUB. SPACE OUT CSG PATCH. TOP OF PATCH @ 4500', BTM OF PATCH @ 4520' (CSG LEAK @ 4510'). MIRU B&C QUICK TST. FILL TBG & BEG. TO SET PATCH. PSI UP TO 2300# TOOLS STROKED 5', CONT TO PMP, PSI UP TO 4000#. (HELD 2 MIN). BLEED PSI OFF. POOH W/ TBG. STRING WEIGHT @ 20,500#, PULL THROUGH PATCH @ 52,000# FOR 23' THEN CAME FREE. RDMO B&C QUICK TST. POOH W/ SETTING TOOLS. L/D SET TOOLS & BHA. SWI. LET STAND FOR 24 HRS.

03/01/07

PSI TEST CASING AND LAY DOWN TBG

Days On Completion: 8

Remarks: 11:00 A.M. HSM. (WAIT 24 HRS FOR EPOXY TO CURE). ND BOPE. NU FRAC VALVES. FILL CSG. MIRU B&C QUICK TEST. ATTEMPT TO PSI TST CSG & FRAC VLV'S. PSI TST FAILED. R/U RIG PMP & LINES. PMP 10 BBLS THEN CATCH PRESSURE. INJECTING INTO LEAK @ 1 BPM +/- @ 2000#. STOP PMPING. BLEED PSI OFF. WELL FLOWING. ND FRAC VLV'S, NU BOPE. MIRU CUTTERS W.L. P/U CCL & RIH TO CHECK PATCH SET DEPTH. FOUND PATCH SET @ 4499' TO 4519'. CALL FOR TRACER SURVEY LOG TRUCK & CSG SWEDGE TOOLS. SWI. SDFN

03/02/07

SWEDGING CSG

Days On Completion: 9

Remarks: 8:00 a.m. HSM SICP 850#, BLEED PSI OFF. MIRU PLS LOGGING SVC. P/U RA TRACER TOOLS & RIH. TO 4500'. RLS RADIO ACTIVE TRACER. BEGIN TO INJECT 2% KCL INTO WELL @ .75 BPM @ 1900#. LOG WELL MULTIPLE TIMES. DETERMINED FLUID LEAKING BEHIND PATCH @ 4510'. POOH RDMO PLS. P/U CSG SWEDGE, JARS, DRL COLLARS & RIH. SWEDGE CSG PATCH F/ 4500' - 4520'. W/ 3 11/16" CSG SWEAGE. POOH, W/ 2 JTS TBG. R/U PMP & LINES, ATTEMPT TO PSI TST CSG. FILL CSG & PSI UP TO 1900#, INJECTING INTO LEAK @ 1 BPM @ 1900#. S/D LEAK OFF TO 1200 IN 30 SEC. BLEED PSI OFF. POOH W/ CSG SWEDGE. L/D BHA. X/O RIH W/ OPEN ENDED TBG TO 2260'. SWI. CALL FOR A CAMERA.

03/05/07

RUN DHV DOWN HOLE CAMERA

Days On Completion: 12

Remarks: 7:00 a.m. HSM SICP 250#, BLEED PSI OFF CONT TO RIH W/ OPEN ENDED TBG F/ 2300'. EOT @ 4750'. R/U PMP & LINES. CIRC DWN TBG UP CSG W/ 40 BBLS 2% KCL. POOH TO 4432'. MIRU CUTTERS. P/U DHV LOG TOOLS & RIH. LOG WELL F/ 4432' TO 4559'. DETERMINED LEAK GOING THROUGH BTM OF PATCH @ 4520' TRAVELING UP TO 4510' THEN EXITING CSG. POOH. L/D DHV TOOLS. RDMO CUTTERS. MIRU WEATHERFORD ACID PMP TRUCK. FILL CSG & ATTEMPT TO PSI TST. INJECTING INTO LEAK @ 6.3 BPM @ 5050#. PSI BLEED OFF 3250# IN 2 MIN. RDMO WEATHERFORD. P/U 4" O.D. PATCH MILL & RIH. TAG TOP OF PATCH. SWI. SDFN

03/06/07

SWEDGING CASING

Days On Completion: 13

Remarks: 7:00 A.M. HSM 200# SICP. BLEED PSI OFF. CHANGE PLANS. X-O POOH W/ PATCH MILL. L/D BHA. P/U 3.70" O.D. CSG SWEAGE, 1 DRL COLLAR, BMP SUB. JARS, 4 DRL COLLARS, INTENSIFIER, X/O SUB & RIH ON TBG. TAG TOP OF PATCH @ 4500'. BEG TO SWEAGE CSG PATCH. TOOK 4 - 6 THOUSAND LBS TO PUSH SWEAGE THROUGH TOP 15'. TOOK 10 - 12 THOUSAND LBS TO PUSH F/ 15' - 17'. LAST 3' HAD TO JAR DWN TO PUSH SWEAGE THROUGH LAST 3'. RUN SWEAGE THROUGH PATCH 4 TIMES. POOH W/ 60' TBG. ATTEMPT TO PSI TST CSG. PSI UP TO 2900#. INJECTING INTO LEAK @ .5 BPM @ 2900#. S/D LOST 1200# IN 5 MIN. BLEED PSI OFF. POOH W/ BHA. SWI. SDFN

03/09/07 600# SHUT IN CASING PRESSURE, BLEED PRESSURE OFF, RIH W/MILL, TAG PATCH AT 4515' (DRILLED REST OF PLUG ON THE PREVIOUS DAY), BREAK CONV CIRC AND BEGIN TO DRILL @ 9:30 AM, DRILL 4 HOURS, FELL THROUGH, POOH TO 4490', CIRC WELL CLEAN, ATTEMPT TO RIH, TD @4500', COULD NOT GO DOWN, POOH, LAY DOWN TBG, LAY DOWN BHA, SHUT WELL IN, SDFN

03/09/07 **L/D TBG**
Days On Completion: 16
Remarks: 7:00 A.M. HSM. 1100# SICP. BLEED PSI OFF. RIH W/ REMAINING TBG IN DERRICK. X-O POOH L/D TBG. ND BOP. NU 4 1/16" VALVE. SWI. RIG DWN RACK OUT EQUIP.

03/22/07 **CSG LEAK**
Days On Completion: 29
Remarks: 7:00 ROAD RIG FROM NBU 921-30D TO NBU 1021-18B, WAITED FOR BACK HOE TO BURY HOLE BEHIND WELL HEAD. MIRU, SPOT EQUIP, 150# FCP, BLOW WELL TO PIT PUMP'D 50 BBLS 10# BRINE FOLLOWED W/ 30 BBLS 2% KCL PUMP'D INTO CSG LEAK w/ 1800# @ 3/4 BPM. N/D WELL HEAD N/U BOPS, R/U TBG EQUIP. P/U 3-7/8 MILL, 3-7/8 STRING MILL, PONY COLLAR, STRING MILL, BIT SUB, DRL COLLAR, BUMPER SUB & JARS, 4 DRL COLLARS, INTENSIFIER, TALLEY & P/U 136 JNTS 2-3/8 N-80 TBG TAG CSG PATCH @ 4500' COULD NOT GO THROUGH, P/U PWR SWVL BRK CONV CIRC, DRL'D DOWN TO 4496' APROX 3-1/2 HRS, PULLED BACK UP THROUGH PATCH, WORKED TBG BACK & FORHT THROUGH PATCH WHILE ROTATING, AS SOON AS WE QUIT ROTATING TBG WE STACK OUT AT 4510' KICK SWVL IN WORK IT JUST A LITTLE WE FALL RIGHT THROUGH & RIIH TO 4496' NO PROB. PULL HIGH KELLEY CIRC HOLE CLEAN SWIFN. 7:00

03/23/07 **CSG LEAK**
Days On Completion: 30
Remarks: DAY #11] 7:00 HSM, REVIEW JSA #2, CHECK WELL PSI 200# SICP. 200# SITP. BLOW WELL DN BRK EST CIRC W/ RIG PUMP, WORKED MILL THROUGH CSG PATCH AREA 4500' TO 4529' UNTIL BECAME EASY AND COULD DO SO WITHOUT ROTATING TBG. POOH L/D BHA FOUND MILL WORE FLAT ON BOTTOM W/ PORTS PLUGGED W/ METAL. R/U WTHFRD WIRE LINE, P/U & RIH W/ 3-3/4 GAUGE RING, SET DN @ 4510' WORKED UP & DN UNTIL FELL THROUGH. SET DN @ 4552'. PULL UP THROUGH CSG COLLAR @ 4510', BUT HAD PROBLEMS GETTING BACK THROUGH WHEN TRY TO GO BACK DN. POOH W/ GAUGE RING & WIRELINE OPERATOR, NOT PAYING ATTENTION, RAN INTO PACK OFF HEAD AT SURFACE. LOST TOOLS DOWN HOLE. TRIED TO RUN A CALIPER LOG WHILE WAITING FOR FISHING TOOLS, BUT COULDN'T GET CALIPER LOG TOOLS TO WORK. P/U 3-1/8 GRAPPLE W/ 3-7/8 SKIRT, BUMPER SUB & JARS. RIH W/ 2-3/8 TBG TAG @ 4510'. WELL CAME AROUND, L/D 1 JNT SWIFN 6:00.

3/24/2007 **CSG LEAK**
Days On Completion: 31
Remarks: 7:00 HSM, CHECK WELL PSI 1200# BLOW WELL DN. P/U PWR SWVL, EST CIRC W/ RIG PUMP. WORKED TBG DN TO 4512' COULDN'T GET ANY DEEPER [3-7/8 OD SKIRT] EVERY TIME SET DN PUMP PRESSURE WOULD INCREASE, PICK UP & LOOSE PRESSURE, HUNG PWR SWVL BACK POOH. P/U 3-3/4 SKIRT/OVERSHOT W/1-11/16 GRAPPLE, BUMPER SUB JARS. RIH W/ TBG, TAG @ 4510' HARD GETTING THROUGH TIGHT SPOT. CONTINUE IN HOLE TAG @ 4623', FELL THROUGH & TAGGED @ 4706'. TBG STOPPED THERE COUNLDN'T GET DEEPER CIRC HOLE. POOH W/ TOOLS, FOUND BIG CHUNK OF CSG PATCH IN GRAPPLE. SWIFN. 5:00

03/26/07 **FISHING**
Days On Completion: 33
Remarks: 7:00 A.M. HSM
P/U 3 7/8" O.S. W/ 1 7/16" GRAPPLE & RIH, (DID NOT FEEL TIGHT SPOT @ 4510'). TAG

FISH TOP @ 4707'. WORK O.S. OVER FISH. PULL 20,000# OVER ST. WT. FISH CAME FREE. POOH, (FISH DRAGGING WHILE POOH). L/D FISH TOOLS. L/D W.L. TOOLS & GAUGE RING. X-O RIH W/ OPEN ENDED TBG TO 4559'. FILL TBG & CSG. EST INJ RT @ 1800# @ .75 BPM (RIG PMP). MIRU BIG 4 CMT SVC. CIRC WELL CLEAN W/ 40 BBLS FRESH WATER. MIX & PMP 50 SKS (10.2 BBLS). CLASS G CMT 15.8#. BALANCE PLUG W/ 13 BBLS FRESH WTR. S.D PMP. POOH W/ 30 JTS TBG. EOT @ 3516'. REV CIRC W/ 25 BBLS FRESH WTR. SI CSG & BEG TO SQZ.
 PSI UP TO 1500# W/ 1BBL WAIT 5 MIN. LOST 120#
 PSI UP TO 2000# W/ 1.5 BBLS WAIT 5 MIN. LOST 80#.
 PSI UP TO 2530# W/ 1 BBLS WAIT 20 MIN. LOST 10#
 SWI. TOTAL CMT BEHIND CSG 3.5 BBLS. TOTAL CMT LEFT IN CSG 6.7 BBLS (431' CMT). SDFN WAIT FOR CMT TO CURE.

03/27/07

DRILL CEMENT

Days On Completion: 34

Remarks: 7:00 a.m. HSM SICP 2300#, BLEED PSI OFF. POOH W/ TBG F/ 3516'. P/U 3 7/8" PDC BIT, X-O SUB, 4 - 3 1/8" DRL COLLARS. & RIH ON TBG. TAG CMT @ 4059'. (500' CMT). R/U DRL EQUIP. R/U PMP & LINES. BRK CONV CIRC & BEG TO DRL. C/O CMT TO 4520' IN 4 HRS. PSI TST LEAK @ 4510' TO 550# FOR 15 MIN. (HELD). BLEED PSI OFF & CONT TO DRL. FELL THROUGH CMT @ 4573'. CIRC WELL CLEAN. CONT TO RIH STACK OUT @ 4707' CONT TO DRL. DRL 3 MIN'S & FELL THROUGH, CONT TO RIH. (PUSHING OBSTRUCTION DWN HOLE). EOT @ 7746'. SWI. SDFN

03/28/07

RUN WORK STRING

Days On Completion: 35

Remarks: 7:00 a.m. HSM CONT TO RIH. P/U 2 3/8" L-80 8RD TBG OFF TRAILER F/ 7746'. TAG PBD @ 9480'. X-O POOH L/D TBG ON TRAILER TO 6500'. CONT TO POOH STAND BACK TBG. L/D DRL COLLARS. L/D BIT & BIT SUB. X-O TO 2 7/8" TBG EQUIP. X-O PIPE RAMS. P/U 4 1/2" H.D. PKR, PREP & TALLY 2 7/8" N-80 8RD TBG & RIH P/U TBG OFF TRAILER. EOT @ 3769'. SHUT WELL IN. SDFN

03/29/07

PERF AND FRAC

Days On Completion: 36

Remarks: 7:00 A.M. HSM CONT TO RIH W/ 2 7/8" TBG F/ 3769'. SET PKR @ 4654'. R/U FRAC VLV STACK. FILL TBG & CSG & PSI TST TO 7500# HELD. FILL CSG ABOVE PKR & PRESSURE UP TO 250#, (WILL MONITOR ANNULAS PSI DURING FRAC). MIRU CUTTERS. P/U 1 9/16" PERF GUNS LOADED W/ 3.2 GM CHARGES. 4 SPF, 60 DEG PHASING & RIH. SHOOT 40 HOLES F/ 9365' - 9375', P/U SHOOT 32 HOLES (8 SPF) F/ 9313' - 17', P/U SHOOT 24 HOLES F/ 9199' - 9205', POOH. MIRU HALLIBURTON. PSI TST SURF LINES TO 8500# (HELD). PREP TO FRAC.

NOTE: ALL STAGES SHOT W/ 1 9/16" EXP PERF GUNS LOADED W/ 3.2 GM CHARGES, 4 SPF, 60 DEG PHASING. ISOLATION WILL BE PREFORMED W/ SAND PLUGS. ALL ZONES INCLUDE NALCO DVE-005 SCALE INHIB, 3 GAL PER THOUSAND IN PAD & 1/2 OF RAMP. 10 GAL PER THOUSAND IN FLUSH.

STG 1: BRK DWN PERF'S @ 4936#, EST INJ RT @ 17 BPM @ 6100#, ISIP 2966#, FG .75, TREAT STG 1 W/ 209,400# 20/40 SAND W/ LT 30# GEL. TOT CL FL 1842 BBLS. ISIP 3850#, NPI 884#, FG .85

STG 2: P/U 1 9/16" PERF GUNS & RIH TO 7000', WAIT 93 MIN'S FOR SAND TO SETTLE, RIH TAG SAND PLUG @ 9286. P/U SHOOT 32 HOLES F/ 9081' - 89', P/U SHOOT 40 HOLES F/ 9048' - 58', P/U SHOOT 24 HOLES F/ 8972' - 78'. POOH. BRK DWN PERF'S @ 5487#, EST INJ RT @ 20.9 BPM @ 6450#, ISIP 3340#, FG .80, TREAT STG 2 W/ 289,800# 20/40 SAND W/ LT 30# GEL. TOT CL FL 2484 BBLS. ISIP 3244#, NPI -96#, FG .79

03/30/07

PERF AND FRAC

Days On Completion: 37

Remarks: 7:00 A.M. HSM

STG 3: P/U 1 9/16" PERF GUNS & RIH. TAG SAND PLUG @ 8945' (28' ABOVE PERF'S). P/U SHOOT 40 HOLES F/ 8810' - 20', P/U SHOOT 32 HOLES F/ 8702' - 8710', P/U SHOOT 16 HOLES F/ 8649' - 53'. POOH. BRK DWN PERF'S @ 3790# EST INJ RT @ 21.6 BPM @ 6320#, ISIP 2729#, FG .75, (CROSS LINKER STOPPED & OVER PUMPED DURING 5# STAGE CUT SAND & PMP SWEEP WHILE MAKE REPAIRS @ 123,500# IN FORMATION TOTAL WATER PUMPED DURING SWEEP 275 BBLS.) CONT W/ FRAC. TREAT STG 3 W/ TOTAL OF 190,500# SAND W/ 30# X-LINK GEL. TOTAL CL FL 1725#, ISIP 3292#, NPI 563#, .81 FG

STG 4: P/U 1 9/16" PERF GUNS & RIH. (WAIT FOR SAND TO FALL 76 MIN). TAG SAND @ 8911' (SAND PLUG LOW 345'). POOH. RESET SAND PLUG W/ 3300# SAND IN FRESH WATER. DISPLACE PLUG TO PERF'S W/ 71 BBLS WATER. S/D WAIT FOR SAND TO FALL. P/U PERF GUNS & RIH. TAG SAND PLUG @ 8590'. P/U SHOOT 40 HOLES F/ 8473' - 83', P/U SHOOT 24 HOLES F/ 8348' - 54', P/U SHOOT 8 HOLES F/ 8351' - 53'. POOH. BRK DWN PERF'S @ 6130#, EST INJ RT @ 14.7 BPM @ 5330#, ISIP 3144#, FG .81. TREAT STG 4 W/ 123,600# SAND W/ 30# X-LINK GEL. TOT CL FL 884 BBLS. ISIP 2228#, NPI -916# (SET 18600# SAND PLUG). FG .70. SWI. SDFN

03/31/07

PERF AND FRAC

Days On Completion: 38

Remarks: 7:00 A.M. HSM P/U 1 9/16" PERF GUNS & RIH. TAG DWN @ 2800'?, FELL THROUGH CONT TO RIH. TAG DWN @ 2990'. ATTEMPT TO BRK THROUGH. SPUD ON BRIDGE FOR 1 HR. COULD NOT BRK FREE. ATTEMPT TO POOH W/ PERF GUNS. GUNS PARTED @ 2840'. POOH W/ PARTED LINE (LINE PARTED @ 410#??). RDMO CUTTERS. RLS HALLIBURTON. ND FRAC VLV ASSEMBLY. P/U ON PKR. CASING BEGAN FLOWING. FLOW CSG FOR 36 BBLS. CSG WOULD NOT DIE. SET DWN & RESET PKR. MIRU DELSCO W/ W.L. FISH TOOLS. & RIH. TAG SND @ 2846'. ATTEMPT TO FISH W.L. POOH DID NOT RET. FISH. REDRESS & CLEAN SAND OUT OF FISH TOOLS. & RIH. TAG SAND AND ATTEMPT TO FISH PERF GUNS. COULD NOT LATCH FISH. POOH. LOST W.L. FISH TOOLS. REDRESS JDC & RIH. LATCH FISHING TOOLS & POOH. RDMO DELSCO. SWI. SDFWE

04/02/07

PULL PACKER

Days On Completion: 40

Remarks: 7:00 A.M. HSM SICP 0#, SITP 0#, CONSULT ENGINEERING. OPEN UNLOADER ON PKR & BEG FLOWING CSG. CSG FLOWED 40 BBLS THEN DIED. RLS PKR @ 4654' & BEG TO POOH. L/D 2 JTS TBG. ACID IN TBG. S/D R/U SWAB EQUIP. RIH TO 1000'. BEGIN TO POOH W/ SWAB, SAND LINE PARTED, (LOST EST 200' SAND LINE). POOH R/D SWAB EQUIP. CONT TO POOH W/ TBG L/D 2 MORE JTS. TBG BECAME STUCK W/ 15' OUT ON 5TH JT. (EST EOT @ 4528'). JAR & SPUD ON TBG FOR 2 HRS. MIRU DELSCO SWAB UNIT. & RIH. SWAB TBG DWN TO 2000'. P/U W.L. FISH TOOLS & RIH. LATCH FISH. P/U & PULLED OFF FISH. POOH. SWI. SDFN

04/03/07

FISHING

Days On Completion: 41

Remarks: 7:00 A.M. HSM SICP 0#, SITP 0#, P/U PORCUPINE SPEAR ON DELSCO SWAB LINE & RIH. LATCH PARTED SAND LINE @ 2150'. P/U DRAGGING WHILE POOH. LOST FISH CLOSE TO SURFACE. CHECK FISH TOOLS. & RERUN SPEAR. LATCH FISH @ 2150'. POOH. LOST FISH @ 1500' +/-, POOH. INSPECT SPEAR. RERUN SPEAR. TAG FISH @ 2150'. ATTEMPT TO LATCH FISH. COULD NOT LATCH FISH. POOH. LOST SPEAR. REDRESS JDC O.S. & RIH. LATCH FISH TOOLS. POOH. RDMO DELSCO. X-O TO 2 7/8" TBG EQUIP. ATTEMPT TO POOH W/ TBG. P/U TO 120,000# TBG STILL WOULD NOT MOVE. JAR & SPUD ON TBG FOR 1 HR W/O SUCCESS. SWI. SDFN

04/04/07 FISHING
MIRU CUDD COIL TBG UNIT, PICK UP SPEAR, JAR SCREWDRIVER, RIH TAG FISH TOP AT 2380. ATTEMPT TO FISH FOR 2 HOURS WITHOUT SUCCESS. POOH SDFN.

04/05/07 BACK OFF TBG
Days On Completion: 43
Remarks: 7:00 A.M. HSM R/U CUDD. P/U W.L. FISH TOOL W/ JARS & YANKEE SCREW DRIVER & RIH. TAG FISH TOP @ 2830'. ATTEMPT TO LATCH FISH W/O SUCCESS. FISH FOR 1 HR. POOH. FOUND TOOTH BROKEN OFF SPEAR. CONSULT ENGINEERING. BLOW OUT COIL. R/D CUDD. R/U PWR SWIVEL. R/U PMP & LINES. APPLY 1000# PSI ON TBG. PREFORM MANUAL BACK OFF. AFTER TBG CAME FREE. ST WEIGHT 18000#. POOH. W/ 42 STNDS TBG 2604'. (1ST JT PULLED TO 40,000#). W.L. TOOLS FELL OUT OF TBG. DID NOT RETRIEVE SWAB TOOLS. X-O RIH W/ 2 7/8" TBG COLLAR. RE-TORQUE ALL CONNECTIONS WHILE RIH. TAG FILL @ 2395'. X-O POOH. STAND BACK TBG. SWI. SDFN

04/06/07 FISHING SANDLINE
Days On Completion: 44
Remarks: HSM, O PRESSURE ON WELL, TALLY & PICK UP WIRE LINE GRAB, B SUB, HYD. JARS, 4 D C'S, & ACCELERATOR, RIH ON 2 7/8" TBG., TAG UP @ 2320', PUSH DOWN HOLE TO 2420', POOH, DRUG 4,000# FOR ABOUT 120'. TBG PULLED WET TILL 1/2 WAY OUT OF HOLE. GOT OUT OF HOLE, NO RECOVERY & NO MARKS ON GRAB. MAKE UP NOTCHED COLLAR ON TBG & RIH TO 2420'. HOOK UP PS & PUMP. CIRCULATE HOLE CLEAN, GOT BACK HEAVY GEL & SOME SAND. ROTATE ON PLUG, SET 10,000# DOWN, COULD NOT MAKE ANY HOLE. POOH, RECOVERED ABOUT 3' WADDED UP SAND LINE. MAKE UP WIRE LINE GRAB W/JARS & DC'S & RIH TO 2420'. JAR & PUSH PLUG TO 2449', PULLED SLOWLY TO 2390', HUNG UP. PULLED 5,000# OVER & WAITED FOR JARS TO GO OFF, CAME FREE. POOH, RECOVER ABOUT 50' SAND LINE, LINE WAS PULLED APART ON BOTTOM. CLOSE IN WELL, SDFN

04/09/07 FISHING
Days On Completion: 47
Remarks: 7:00 a.m. HSM P/U SAND LINE SPEAR. 4 DRL COLLARS. JARS, BMP SUB & RIH ON TBG. TAG TOP OF FISH @ 2450', PUSH FISH DWN HOLE TO 2468'. P/U HAD FISH, POOH. BECAME STUCK IN W.H. NDBOPE. DIG SAND LINE OUT OF WELL HEAD. PULL SAND LINE RECOVERED 250'. P/U 2 7/8" TBG COLLAR & RIH ON TBG. TAG FISH TOP @ 2604'. R/U PWR SWIVEL. M/U TBG ONTO FISH TOP. TORQUE UP, APPLY 1500# & BACK OFF TBG. TBG BACKED OFF SHALLOW. REPEAT PROCEDURE SEVERAL TIMES TILL RECEIVED 20,000# WEIGHT. R/D DRL EQUIP. POOH W/ 84 STANDS TBG. (2604'). CALL FOR O.S. SWI. SDFN

04/10/07 JAR ON FISH
Days On Completion: 48
Remarks: 7:00 A.M. HSM P/U 3 7/8" O.S. W/ 3 3/32" GRAPPLE, DRL COLLARS. JARS. BMP SUB & ACCELERATOR & RIH. LATCH FISH @ 2604'. BEGIN TO JAR ON FISH @ 10:00 A.M. JAR ON FISH F/ 80,000#, - 100,000# FOR 2 HRS. MADE NO HOLE. ATTEMPT TO BACK OFF TBG BELOW O.S. W/O SUCCESS. TBG BACKED OFF HIGH 2 TIMES. RELATCH FISH. RLS O.S. & BEG TO POOH. SWI. SDFN (HIGH WIND CONDITIONS COULD NOT TRIP TBG.

04/11/07 STILL FISHING
Days On Completion: 49
Remarks: 7:00 A.M. HSM
POOH W/ 3 7/8" O.S. L/D BHA. P/U 2 7/8" TBG COLLAR & RIH. TAG FISH TOP @ 2604'. THREAT ONTO FISH. MIRU CASED HOLE SOLUTIONS W.L. P/U 2 1/2" IMPRESSION BLOCK & RIH. TAG DWN ON FISH @ 300 FPM. POOH. (APPEARS TO BE SAND LINE @ 2750'. P/U FREE POINT TOOLS & RIH. TAG FISH TOP (INSIDE TBG) @ 2752'. FREE POINT

TBG @ 2752' (100% FREE). POOH. P/U 2.25" CHEM CUTTER & RIH. PULL 6000# OVER ST WT. CUT TBG OFF @ 2752'. POOH. RDMO CHS. R/U PMP & LINES REV CIRC W/ 30 BBLS 2% KCL. (RECEIVED WATER & SOME THICK GEL IN RETURNS). POOH W/ TBG. L/D 3' CUT TBG JT. P/U REVERSING TOOLS ON 2 7/8" TBG. RIH. LATCH TBG @ 2752'. R/U PWR SWIVEL. WORK O.S. OVER FISH. BACK TBG OFF. RECEIVE 2000# OVER ST WT. POOH. L/D FISH TOOLS, CONT TO POOH. RECEIVE 250' TBG. 8 JTS. ALSO SWAB TOOLS & PERF GUNS. (SAND IN BRIDGES IN BTM 250').SWI. SDFN
TBG LEFT IN HOLE 1510'.
TOP OF FISH 3003'.

04/12/07

FISHING TBG

Days On Completion: 50

Remarks: 7:00 a.m. HSM STRIP PERF GUNS & SWAB TOOLS OUT OF TBG STAND. P/U 2 7/8" TBG COLLAR & RIH. TAG FISH TOP @ 3003', THREAD INTO TBG. R/U PMP & LINES & ATTEMPT TO CIRC DWN TBG UP CSG. W/O SUCCESS. WORK & JAR ON TBG. MIRU CASE HOLE SOLUTIONS. P/U 1.5" O.D. SPEAR & COLLAR LOCATER. & RIH. TAG PKR @ 4512'. POOH. R/U PMP & LINES. PMP DWN TBG UP CSG. OPEN UNLOADER ON PKR. BROKE CIRC. CIRC WELL CLEAN W/ 60 BBLS 2% KCL. (RECEIVED BACK HEAVY GEL & SAND). S/D PMP. P/U 2.25" CHEM CUTTER & RIH. CUT TBG OFF TBG @ 4506'. POOH. RDMO CHS. POOH W/ TBG. L/D CUT JT. P/U 3 7/8" O.S. W/ 2 7/8" GRAPPLE. 4 DRL COLLARS. JARS, BMP SUB. & ACCELERATOR. & RIH. EOT @ 4000'. SWI. SDFN

04/13/07

FISH PKR

Days On Completion: 51

Remarks: 7:00 A.M. HSM CONT TO RIH W/ O.S. & FISH TOOLS F/ 4000'. LATCH FISH @ 4503'. PULL UP TO 50,000#, SET OFF JARS. FISH CAME FREE. (PKR DRAGGING FOR 2 JTS). POOH. L/D PKR. L/D JARS, BMP SUB, ACCELERATOR, 4 DRL COLLARS. RIH W/ OPEN ENDED 2 7/8" TBG. POOH & L/D 2 7/8" WORK STRING. X-O TO 2 3/8" TBG EQUIP. PREP TO RIH W/ PROD TBG. SWI. SDFN

04/16/07

C/O SCALE

Days On Completion: 54

Remarks: 7:00 a.m. HSM P/U 3 7/8" MILL, POBS & RIH ON 2 3/8" L-80 8RD PROD TBG. TAG FILL @ 4640'. R/U DRL EQUIP. R/U PMP & LINES. BRK CONV CIRC & BEG TO DRL. (HEAVY SAND IN RETURNS, NO THICK GEL). @ 5682' FOUND THICK GEL SUBSTANCE? CONT TO DRL. FELL THROUGH @ 5935'. 800# PSI INC, CIRC WELL CLEAN FOR 45 MIN. WELL FLOWING. (RECEIVED LARGE AMOUNT OF SAND). R/D PWR SWIVEL. PREP TO RIH OUT OF DERRIK IN A.M. SWI. SDFN

04/17/07

FINAL REPORT

Days On Completion: 55

Remarks: 7:00 A.M. HSM SICP 2100#, BLEED PSI OFF. CONT TO RIH W/ TBG F/ 5935'. TAG CIBP @ 9478'. POOH. L/D 30 JTS TBG. LUBRICATE TBG HANGER INTO WELL. LAND TBG W/ EOT @ 8575'. NDBOPE. NUWH. DROP BALL, PMP OFF THE BIT SUB @ 1500#, R/U FLOW BACK EQUIP. RIG DWN, RACK OUT EQUIP. TURN OVER TO FLOW BACK CREW

SICP 1500#,
FTP 50#
OPEN CHOKE

FLOW BACK REPORT: CP: 1800#, TP: 875#, 40 BWPH, 20/64 CHK, BBLS REC'D: 957, LLTR: 3918

04/18/07

FLOW BACK REPORT: CP: 1600#, TP: 650#, 20 BWPH, 20/64 CHK, BBLS REC'D: 1640, LLTR: 3135

04/19/07 **FLOW BACK REPORT:** CP: 1225#, TP: 500#, 15 BWPH, 20/64 CHK, BBLS REC'D: 2075, LLTR: 2700

04/20/07 **FLOW BACK REPORT:** CP: 1050#, TP: 500#, 13.5 BWPH, 16/64 CHK, BBLS REC'D: 2408, LLTR: 2367

04/21/07 **FLOW BACK REPORT:** CP: 950#, TP: 300#, 10 BWPH, 16/64 CHK, BBLS REC'D: 2675, LLTR: 2100
 ON SALES: 253 MCF, 0 BC, 270 BW, TP: 300#, CP: 950#, 16/64 CHK, 18 HRS, LP: 67#.

04/22/07 **WELL WENT ON SALES:** @ 9:00 AM, 253 MCF, 148 TBG, 300 CSG, 18/64 CK, 270 BBWH
 ON SALES: 385 MCF, 0 BC, 160 BW, TP: 235#, CP: 785#, 18/64 CHK, 24 HRS, LP: 62#.

04/23/07 **ON SALES:** 363 MCF, 0 BC, 120 BW, TP: 204#, CP: 725#, 18/64 CHK, 24 HRS, LP: 63#.

04/24/07 **ON SALES:** 298 MCF, 0 BC, 120 BW, TP: 278#, CP: 801#, 18/64 CHK, 24 HRS, LP: 200#.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:	OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	OTHER _____		
b. TYPE OF WORK:	NEW WELL <input checked="" type="checkbox"/>	HORIZ. LATS. <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	RE-ENTRY <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	OTHER _____
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE LP						
3. ADDRESS OF OPERATOR: 1368 S 1200 E VERNAL UT 84078				PHONE NUMBER: (435) 781-7024		
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 560'FNL, 2104'FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: AT TOTAL DEPTH:						
7. UNIT or CA AGREEMENT NAME UNIT #891008900A						
8. WELL NAME and NUMBER: NBU 1021-18B						
9. API NUMBER: 4304737432						
10 FIELD AND POOL, OR WILDCAT NATURAL BUTTES						
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 18 10S 21E						
12. COUNTY UINTAH					13. STATE UTAH	

14. DATE SPURRED: 12/7/2006	15. DATE T.D. REACHED: 2/3/2007	16. DATE COMPLETED: 4/22/2007	ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 5115'GL
18. TOTAL DEPTH: MD 9,665 TVD	19. PLUG BACK T.D.: MD 9,613 TVD	20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) CBL-CCL-GR			23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)	

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14" STL	36.7#		40		28			
12 1/4"	9 5/8 H-40	32.3#		2,130		770			
7 7/8"	4 1/2 I-80	11.6#		9,665		1470			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	8.575							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) MESAVERDE	8,351	9,375			8,351 9,375	0.20	352	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) WSMVD								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
8351'-9375'	PMP 6935 BBLS 20# 24# X-LINK GEL & 793,800# 20/40 SD

29. ENCLOSED ATTACHMENTS:

- ☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER: _____

30. WELL STATUS:

PROD

RECEIVED

MAY 29 2007

DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 4/22/2007		TEST DATE: 4/22/2007		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL – BBL: 0		GAS – MCF: 385		WATER – BBL: 160		PROD. METHOD: FLOWING							
CHOKE SIZE: 18/64		TBG. PRESS. 235		CSG. PRESS. 785		API GRAVITY		BTU – GAS		GAS/OIL RATIO		24 HR PRODUCTION RATES: →		OIL – BBL: 0		GAS – MCF: 385		WATER – BBL: 160		INTERVAL STATUS: PROD	

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
WASATCH MESAVERDE	4,559 7,532	7,532			

35. ADDITIONAL REMARKS (Include plugging procedure)

CSG LEAK AT 4510' SQUEEZE CSG CIRC WELL W/40 BBLS FRESH WATER. MIX & PMP 50 SX (10.2 BBLS) CLASS G CMT

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE SENIOR LAND ADMIN SPECIALIST

SIGNATURE

DATE 5/22/2007

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
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